UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ____ ELECTRIC LOGS ✓ X WATER SANDS ____ LOCATION INSPECTED ____ SUB. REPORT/abd. ____

Confidential Status Expired 9-30-94 96040 Oper. Nm. Chg.
97202 Equitable to Inland eff. 9-30-97.

DATE FILED	5-20-93
LAND: FEE & PATENTED	STATE LEASE NO.
PUBLIC LEASE NO.	U-65210
INDIAN	
DRILLING APPROVED:	6-21-93
SPUDDED IN:	7.05.93
COMPLETED:	8-30-93 POW
PUT TO PRODUCING:	8-30-94
INITIAL PRODUCTION:	87 BOPD; 25 MCF;
GRAVITY A.P.I.	34
GOR:	290
PRODUCING ZONES:	4689-5431 (GRRV)
TOTAL DEPTH:	5824'
WELL ELEVATION:	5121.9 GL
DATE ABANDONED:	
FIELD:	MONUMENT BUTTE
UNIT:	
COUNTY:	DUCHESNE
WELL NO.	BALCRON FEDERAL #22-10Y
API NO.	43-013-31395
LOCATION	1980' FNL FT. FROM (N) (S) LINE, 1980' FWL FT. FROM (E) (W) LINE. SE NW 1/4 — 1/4 SEC. 10

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	10	~~EQUITABLE RESOURCES~~ Inland Prod Co.

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☑

May 18, 1993

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

Enclosed are Applications for Permit to Drill the wells on the enclosed list.

As operator, we hereby request that the status of these wells be held tight for the maximum period allowed by State regulations.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #21-25Y
NE NW Section 25, T9S, R16E
Duchesne County, Utah
198.4' FNL, 2302.2' FWL
FLS #U-64380
PTD 5,650'
GL 5684.9'

Balcron Federal #41-21Y
NE NE Section 21, T9S, R16E
Duchesne County, Utah
970.2' FNL, 893.8' FEL
FLS #U-64379
PTD 6,000'
GL 5953.5'

Balcron Federal #24-3Y
SE SW Section 3, T9S, R17E
Duchesne County, Utah
561.8' FSL, 1887.2' FWL
FLS #U-64381
PTD 5,950'
GL 5099.1'

Balcron Federal #21-9Y
NE NW Section 9, T9S, R16E
Duchesne County, Utah
476.2' FNL, 2051' FWL
FLS #U-65207
PTD 6,190'
GL 5747.3'

Balcron Federal #21-13Y
NE NW Section 13, T9S, R16E
Duchesne County, Utah
702.7' FNL, 1830.5' FWL
FLS #U-64805
PTD 5,900'
GL 5535.5'

Balcron Federal #22-10Y
SE NW Section 10, T9S, R17E
Duschene County, Utah
1980' FNL, 1980' FWL
FLS #U-65210
PTD 5,850'
GL 5121.9'

EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah
1008.2' FSL, 832.3' FEL
FLS #U-64806
PTD 5,700'
GL 5164.3'

Balcron Monument Federal #14-8
SW SW Section 8, T9S, R17E
Duchesne County, Utah
660' FSL, 660' FWL
FLS #U-007978
PTD 5,950'
GL 5370.6'

Balcron Monument Federal #41-18
NE NE Section 18, T9S, R17E
Uintah County, Utah
660' FNL, 660' FEL
FLS #U-3563-A
PTD 5,900'
GL 5406.3'

5/17/93
/rs

FORM 3

CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Federal # U-65210

6. If Indian, Allottee or Tribe Name: n/a

7. Unit Agreement Name: n/a

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: Oil Well [X] Gas Well [ ] Other — Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name: Balcron Federal

2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

9. Well No.: #22-10Y

3. Address of Operator: P.O. Box 21017; Billings, MT 59104

10. Field and Pool, or Wildcat: Monument Butte/Green River

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: SE NW Section 10, T9S, R17E 1980' FNL, 1980' FWL
At proposed prod. zone

11. QQ, Sec., T., R., M., or Blk. and Survey or Area: SE NW Sec. 10, T9S, R17E

14. Distance in miles and direction from nearest town or post office*: Approximately 14 miles from Myton, Utah (SW)

12. County or Parrish: Duchesne

13. State: UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth: 5,850'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): GL 5121.9'

22. Approx. date work will start*: June 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached				

Operator plans to drill well in accordance with attached Federal Application for Permit to Drill.

RECEIVED
MAY 20 1993
DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Bobbie Schuman (Bobbie Schuman) Title: Coordinator of Environmental and Regulatory Affairs Date: May 17, 1993

(This space for Federal or State office use)

API NO. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side

(3/89)

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Federal #22-10Y
SE NW Section 10-T9S-R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

   See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

   See Geologic Prognosis (EXHIBIT "C)

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

   a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.

   b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.

   c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.

   d. An upper kelly cock will be used during the drilling of this well.

   e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

   f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.

b. All potentially productive hydrocarbon zones will be isolated.

c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.

d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).

E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.

b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.

c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

a. The drilling operations for this well will begin as soon as the BLM approves this APD.

b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.

c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

EXHIBIT "B"

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON FEDERAL #22-10Y
SE NW Section 10, T9S, R17E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

A. The proposed well site is staked and four reference stakes are present. 150'& 200' North and 200' & 225' East.

B. The Federal #22-10Y is located approximately 14 miles Southwesterly of Myton Utah, in the SE1/4 NW1/4 Section 10, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 22-10Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 11.4 miles to an intersection with the Pariette Bench road, turn left and continue 1.1 miles to proposed access road sign. Follow flags 200 feet to location.

C. Access roads - refer to Maps "A" and "B".

D. Access roads within a one-mile radius - refer to map "B".

E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

Approximately 200 feet of new road construction will be required for access to the proposed well location.

A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

C. Maximum grade - 2%

D. Turnouts - no turnouts will be required on this access road.

E. Drainage design - the access road will be crowned and ditched or sloped and dipped, as necessary to provide for proper drainage along the access road route. A borrow ditch will be cut along the West side of road from existing road to location.

F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.

G. Surface materials - all construction materials will be native material taken from onsite.

H. Gates, cattleguards or fence cuts - none required.

I. Road maintenance - during both the drilling and production phase of operations, the road surface and

shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

k. If a right-of-way is required please consider this APD the application for said right-of-way

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

A. Water wells - none known.
B. Abandoned wells - see Map "C"
C. Temporarily abandoned wells - none known.
D. Disposal wells - none known.
E. Drilling wells - none known.
F. Producing wells - see Map "C".
G. Shut-in wells - none known.
H. Injection wells - none known.
I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

1. Tank batteries - see Map "C".
2. Production facilities - see Map "C".
3. Oil gathering lines - none.
4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.

2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.

3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

   A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

   For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If at the time of construction

it is determined to be necessary, the reserve pit will be lined with a plastic reinforced liner.

C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.

E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.

F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.

B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.

C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.

D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind near corner #8. Access will be from the South near corner #6.

The reserve pit will not be lined unless requested by the B.L.M. or unless it is deemed necessary by Equitable Resources. If a plastic reinforced liner is used, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.

1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

3. All wire shall be stretched, by using a stretching

device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.

2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

3. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.

4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

   Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.

6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case

of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the following seed mixture:

Pure Live Seed (PLS) lbs./acre	Seed Mix
1	Forage Kochia (Kochia prostrata)
5	Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam)
4	Russian Wildrye (Elymus junceus)
2	Fourwing Saltbush (Atriplex canescens)

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is

unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

(a) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River,which is the major drainage for this area, and approximately 12 miles South of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, rapters, morning doves, swallows, nighthawks, hummingbirds, and chukar.

B. The surface ownership is Federal. The surface use is grazing and petroleum production.

C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.

2. There are no occupied dwellings in the immediate area

3. An archaeological report will be forwarded upon completion. Attached as Exhibit "F."

4. There are no reported restrictions or reservations noted on the oil and gas lease.

5. A silt catchment dam and basin will be constructed according to BLM specifications approximately 150' NE of corner #2.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Dale Griffin, Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

May 17, 1993
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Enviromental and Regulatory Affairs
BALCRON OIL division of Equitable Resources Energy Company

EXHIBIT "C"

BALCRON OIL COMPANY

Geologic Prognosis

EXPLORATORY_____
DEVELOPMENT__X__

WELL NAME: Balcron Federal #22-10Y PROSPECT/FIELD: Monument Butte
LOCATION: SENW 1980' FNL, 1980' FWL SECTION 10 TOWNSHIP 9S RANGE 17E
COUNTY: Duchesne STATE: UT GL(Ung): 5121.9' EST KB: 5130' TOTAL DEPTH 5850'

FORM. TOPS:

Formation	Prognosis Depth	Prognosis Datum	Sample Top Depth	Sample Top Datum	Cntl Wl. Datum
KB	-------	5130	------	-------	5160
Uinta	Surf.	-------	------	-------	------
Green River	1315	3815	------	-------	3846
2nd GG	3711	1419	------	-------	1450
Y-5	4227	903	------	-------	934
Douglas Crk.	4480	650	------	-------	681
R-1	4501	629	------	-------	660
R-2	4561	569	------	-------	600
G-4	4936	163	------	-------	194
G-6	5115	15	------	-------	46
Carb. Mkr.	5313	(-183)	------	-------	(-152)
B-1	5351	(-221)	------	-------	(-190)
B-2	5395	(-265)	------	-------	(-234)
TD	5850	-------	------	-------	------
----------	------	-------	------	-------	------

Formation	Prognosis Depth	Prognosis Datum	Sample Top Depth	Sample Top Datum	Cntl Datum
----------	------	-------	------	-------	----
----------	------	-------	------	-------	----
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----------	------	-------	------	-------	----

CONTROL WELL: UNOCAL Castle Draw #2-J10 Qtr/Qtr NWSE Section 10 Township 9S Range 17E

SAMPLES:

50 '	samples,	1300 '	to	3700
10 '	samples,	3700 '	to	TD
---------- '	samples,	------- '	to	------
---------- '	samples,	------- '	to	------
---------- '	samples,	------- '	to	------
---------- '	samples,	------- '	to	------

Send Samples To:
Utah Geological Sample Library
1 Dry Cut

LOGS:

DLL/MSFL	from Surf.Csg. '	to	TD
LDT/CNL	from 3500 '	to	TD
----------	from ------- '	to	------
----------	from ------- '	to	------
----------	from ------- '	to	------
----------	from ------- '	to	------
----------	from ------- '	to	------

CORES:
None

DRILL STEM TESTS:
None

MUD LOGGER/HOT WIRE:
Required: (Yes/No) Yes
Type: Two Man

WELLSITE GEOLOGIST:
From 1300 ' to TD
Name: _____ Tele. #: (____) ____
Address: _____
_____

COMMENTS:

PREPARED BY: K. K. Reinschmidt, S. W. VanDelinder DATE: 5-13-93

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Balcron Federal 22-10Y PROSPECT/FIELD: Monument Butte
LOCATION: SE NW Sec.10 Twn.9S Rge.17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5850

HOLE SIZE	INTERVAL
12 1/4"	0 to 260'
7 7/8"	260 to 5850'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	5850	5 1/2"	15.50#/Ft	J-55
	(All Casing will be new, ST&C)				

CEMENT PROGRAM

Surface	150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele. (Cement will be circulated to surface.)
Production	250 sacks Thifty Lite and 400 sacks 50-50 Poz mix. (Top of cement will be 2000')

PRELIMINARY
DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.

COMMENTS

1.) No cores or DST's are planned.

DMM/5/17/93

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Balcron Fed. 22-10Y
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
Shut in surface pressure : 2120 psi
Internal gradient (burst) : 0.100 psi/ft
Annular gradient (burst) : 0.000 psi/ft
Tensile load is determined using air weight
Service rating is "Sweet"

Design Factors:

Collapse : 1.125
Burst : 1.00
8 Round : 1.80 (J)
Buttress : 1.60 (J)
Body Yield : 1.50 (B)
Overpull : 0 lbs.

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,850	5-1/2"	15.50	J-55	ST&C	5,850	4.825	

	Collapse Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Yield Strgth (psi)	S.F.	Tension Load (kips)	Tension Strgth (kips)	S.F.
1	2705	4040	1.494	2705	4810	1.78	90.68	202	2.23 J

Prepared by : McCoskery, Billings, MT
Date : 05-17-1993
Remarks :

Minimum segment length for the 5,850 foot well is 1,500 feet.
The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,705 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1990 pricing model. (Version 1.0G)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800

TAKE PRIDE IN AMERICA

IN REPLY TO:
MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

N O T I C E

Equitable Resources Energy Company
P. O. Box 21017
Billings, Montana 59104

OIL AND GAS

CORPORATE MERGER RECOGNIZED
RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of $150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.

Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

Form 3104-8
(July 1984)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)
Act of August 7, 1947 (30 U.S.C. Sec. 351)
Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)
Other Oil and Gas Leasing Authorities as Applicable

KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100---------- dollars ($ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

☐ The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.

☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.

☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, extract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

SAFECO

SURETY RIDER

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88
(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,
(SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT.
(OBLIGEE)

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89
(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89
(MONTH, DAY, YEAR)

EQUITABLE RESOURCES ENERGY COMPANY
PRINCIPAL

By: _____
TITLE

SAFECO INSURANCE COMPANY OF AMERICA
SURETY

By: R. George Voinchet
ATTORNEY-IN-FACT

S-443 B12 10/88

PRINTED IN U.S.A.

SAFECO

POWER OF ATTORNEY

FECO INSURANCE COMPANY OF AMERICA
ENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

3798

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

----------THOMAS L. VEHAR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania----------

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

(i) The provisions of Article V, Section 13 of the By-Laws, and

(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and

(iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 10th day of April, 19 89.

EXHIBIT "F"

ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

May 6, 1993

Subject: CULTURAL RESOURCE EVALUATION OF NINE PROPOSED WELL LOCATIONS IN THE CASTLE PEAK DRAW LOCALITY OF DUCHESNE AND UINTAH COUNTIES, UTAH

Project: Balcron Oil Company -- 1993 Development Program for the Monument Butte Lease Area Units: 41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y, 24-3Y, and 22-10Y

Project No.: BLCR-93-1

Permit No.: Dept. of Interior -- UT-92-54937

Utah State No.: UT-93-AF-158b

To: Ms. Ms. Bobbie Schuman, Balcron Oil Company, P.O. Box 21017, Billings, Montana 59104

Mr. David Little, District Manager, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History, 300 Rio Grande, Salt Lake City, Utah 84101

RECEIVED
MAY 11 1993

5-13-93 NOTE: The access route on our 41-21A was changed at the onsite. The new access will be re-evaluated and a supplemental report submitted/ps

CULTURAL RESOURCE EVALUATION OF NINE PROPOSED WELL LOCATIONS IN THE CASTLE PEAK DRAW LOCALITY OF DUCHESNE AND UINTAH COUNTIES, UTAH

Report Prepared for BALCRON OIL COMPANY

Dept. of Interior Permit No.: UT-92-54937
AERC Project 1373 (BLCR-93-1)

Utah State Project No.: UT-93-AF-158b

Principal Investigator: F. Richard Hauck, Ph.D.
Author of Report: Glade Hadden

ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION (AERC)

181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853

May 6, 1993

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company of seven proposed well locations on federal lands in the Castle Peak Draw locality of Duchesne and Uintah Counties, Utah. The examinations of these nine locations involved a total of 119.1 acres of which 29.1 acres (4 miles) includes eight separate access routes associated with Units 41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y and 24-3Y. The remaining 90 acres involves ten acre parcels at all nine of the proposed Units (41-18, 14-8, 21-13Y, 21-25Y, 41,21Y, 21-9, 44-14Y, 24-3Y and 22-10Y). These evaluations were conducted on May 3 and 4, 1993 by archaeologist Glade Hadden under the supervision of F. Richard Hauck.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

One newly identified cultural resource activity locus was evaluated and recorded during the examinations. This site (42UN 2062) consists of a non-significant lithic scatter associated with proposed Unit 44-14Y.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

TABLE OF CONTENTS

LIST OF MAPS OF THE PROJECT AREA

GENERAL INFORMATION

On May 3 and 4, 1993, archaeologist Glade Hadden acting under the supervision of F.R. Hauck, conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved nine separate well locations (41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y, 24-3Y and 22-10Y) and eight linear access route evaluations totaling 4 miles associated with Units 41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y and 24-3Y. This project area is situated in the Castle Peak Draw locality of Duchesne and Uintah Counties, Utah.

This project is situated on federal lands administered by the Diamond Mountain Resource Area of the Vernal District of the Bureau of Land Management.

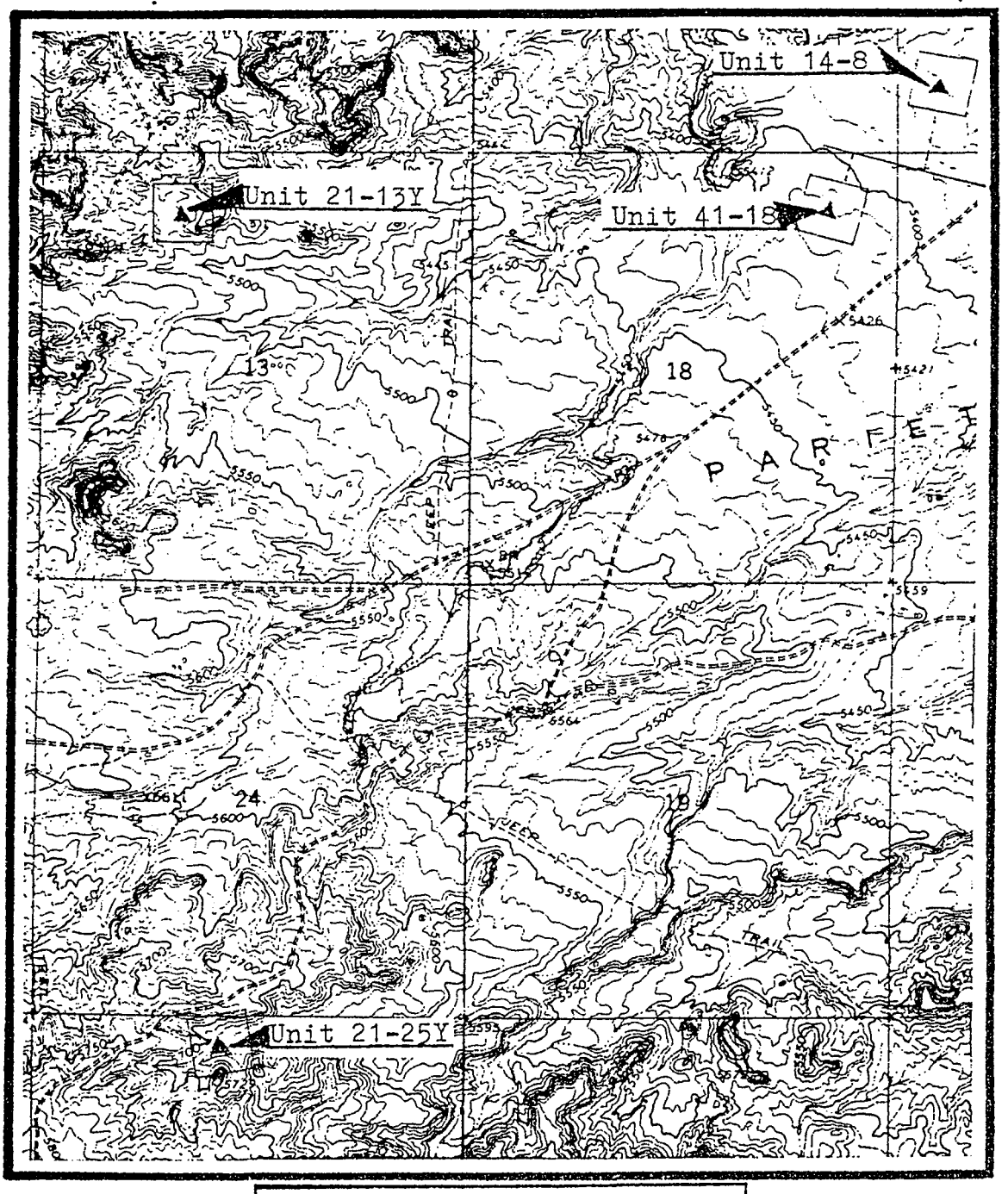
The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations requires an archaeological evaluation in compliance with the Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section of the Utah State Division of History. This work was done under U.S. Department of Interior Permit for Utah UT-92-54937 which expires on January 31, 1994.

The nine evaluated well locations included nine 10 acre parcel evaluations for a total of 90 acres. A series of 15 to 20 meter-wide survey transects were walked within the 60 foot-wide corridors associated with the eight access routes covering a total distance of 4 miles or some 29.1 acres. A total of 119.1 acres were examined during this inventory.

Project Location

The project location is in the Vernal District of the Bureau of Land Management. It is situated on the Myton SE, Myton SW and Pariette Draw SW 7.5 minute topographic quads as shown on the attached maps.



T. 9 South
R. 16 and 17 E
Meridian: S.L.B.M
Quad: Myton SE, Utah

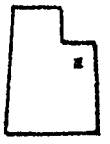
MAP 1
Cultural Resource Survey of Balcron Units 41-18, 14-8, 21-13Y and 21-25Y, Castle Peak Draw Area

Legend:
Well Location ▲
Access Route - - - -

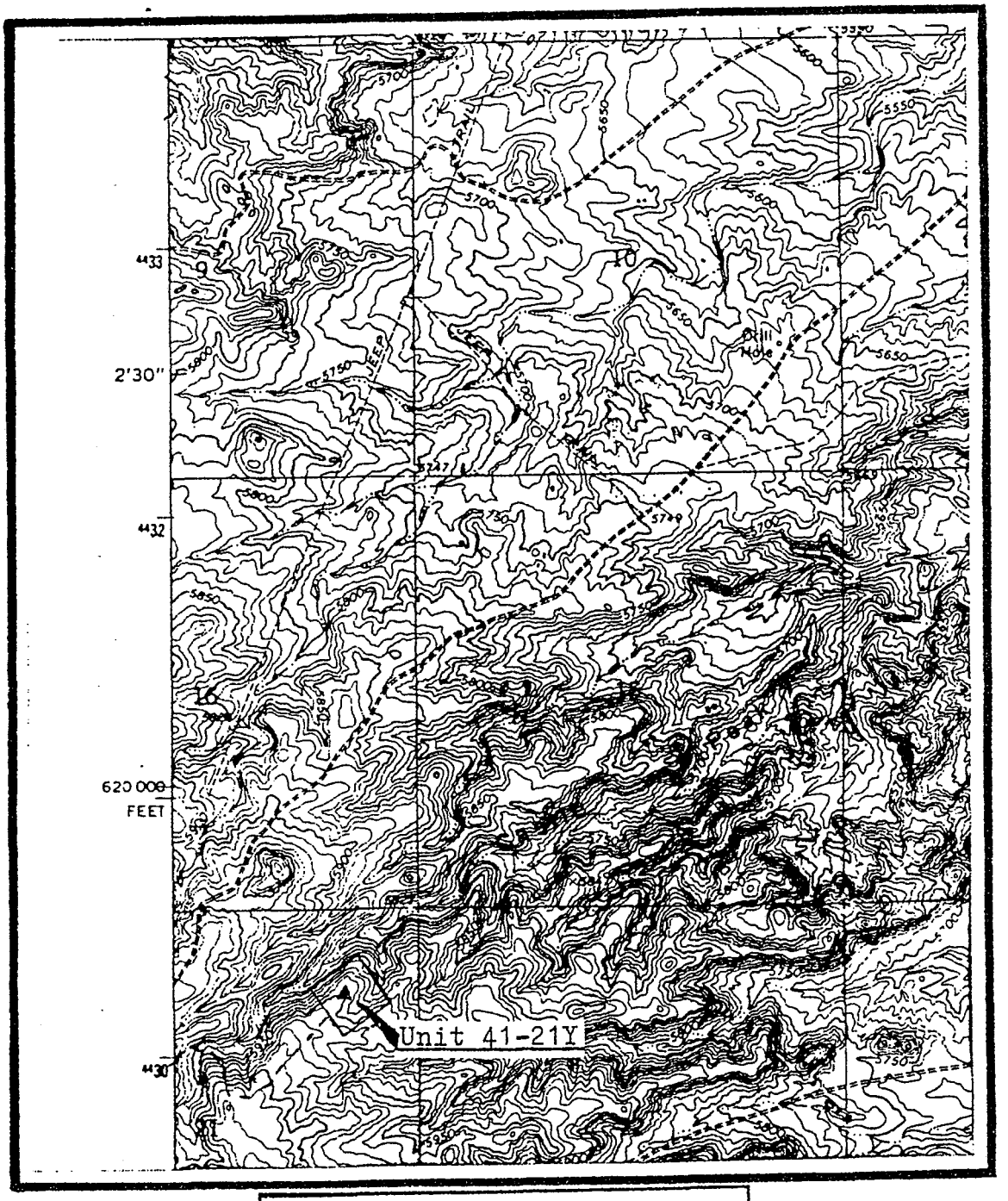
N

Project: BLCR-93-1
Series: Uinta Basin
Date: 5-6-93

Scale: 1:24,000



AERC



T. 9 South
R. 16 East
Meridian: S.L.B.M.
Quad: Myton SE
Utah

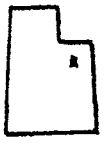
MAP 2
Cultural Resource Survey of Balcron Unit 41-21Y in the Castle Peak Draw area of Duchesne County

Legend:
Well Location ▲
Access Route - - - - -

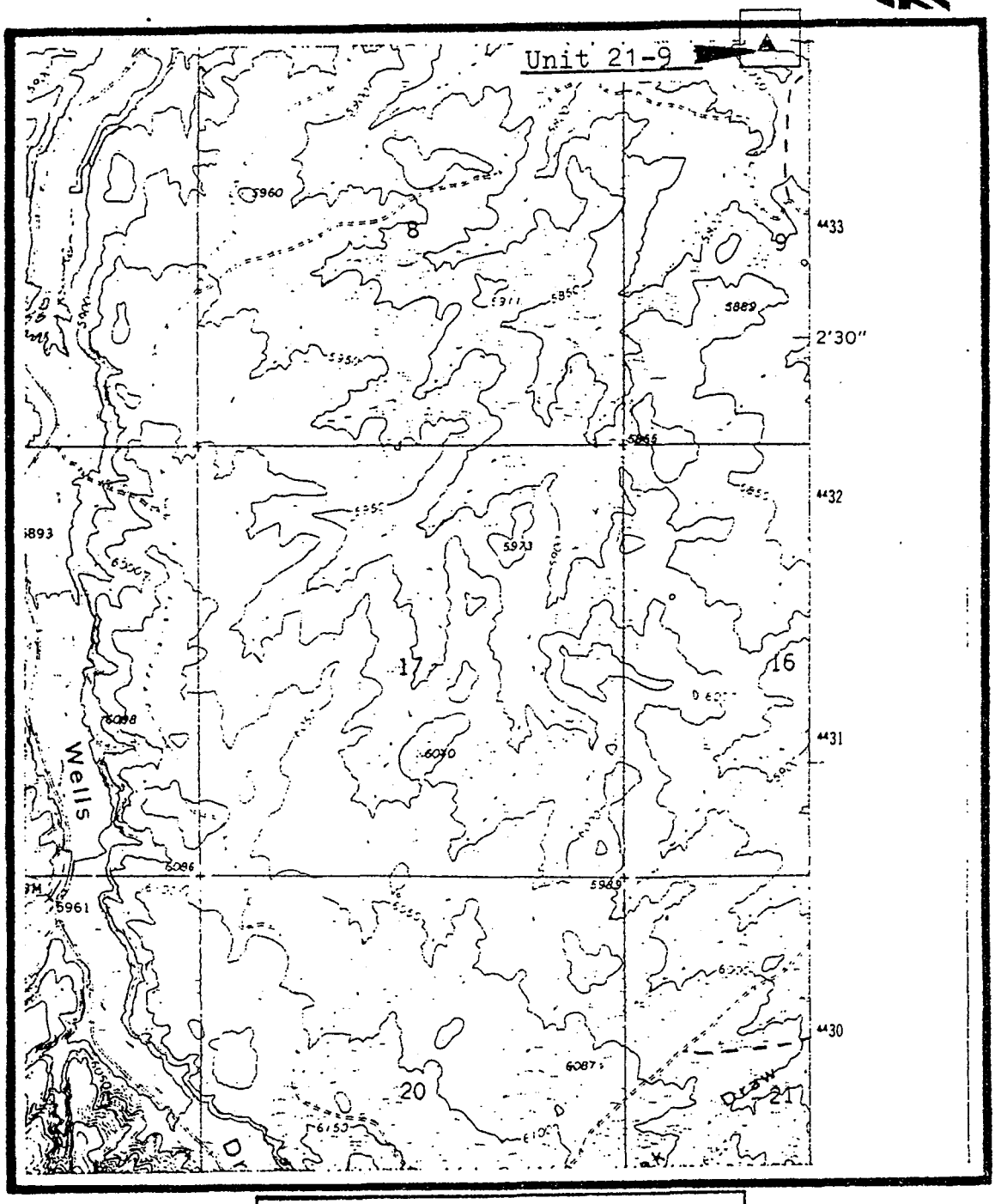
N

Project: BLCR-93-1
Series: Uinta Basin
Date: 5-6-93

Scale: 1:24,000



3



T. 9 South
R. 16 East
Meridian: S.L.B.M
Quad: Myton SW, Utah

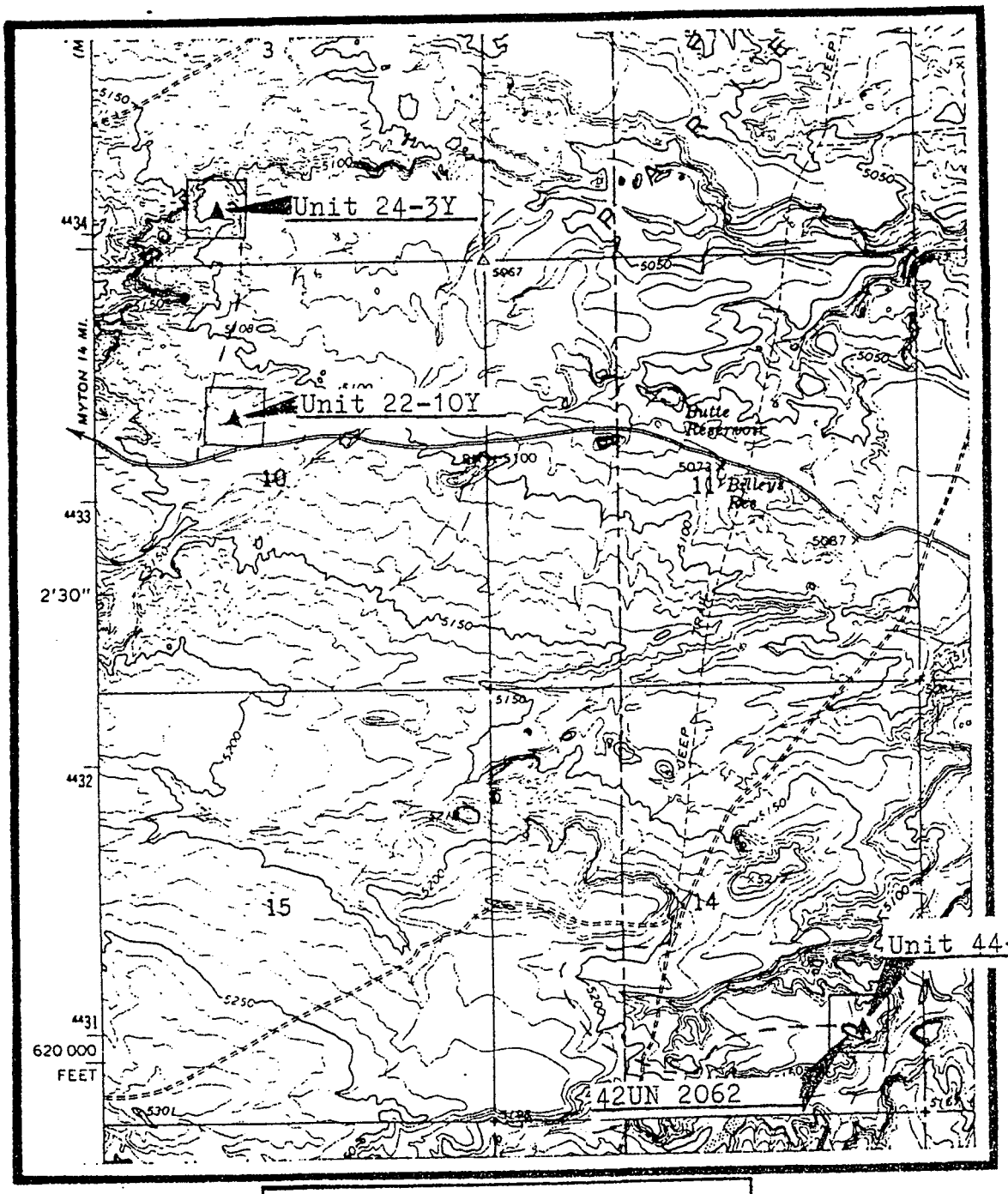
MAP 3
Cultural Resource Survey of Balcron Unit 21-9 in the Castle Peak Draw Area of Duchesne County

Legend:
Well Location ▲
Access Route

N

Project: BLCR-93-1
Scale: 1:24,000
Series: Uinta Basin
Date: 5-6-93

AERC



MAP 4
Cultural Resource Survey of Balcron Units 44-14Y, 24-3Y and 22-10Y in the Castle Peak Draw Area

T. 9 South
R. 17 East
Meridian: S.L.B.M.
Quad: Pariette Draw SW, Utah

Project: BLCR-93-1
Series: Uinta Basin
Date: 5-6-93

Scale: 1:24,000

Legend:
- Well Location
- Access Route
- Cultural Site

N

Unit 41-18 is situated in the NE - NE quarter of Section 18, Township 9 South, Range 17 East. Its access route extends for ca. .2 mile to the southwest from an existing road traversing the northeastern corner of that section (see Map 1).

Unit 14-8 is in the SW - SW quarter of Section 8 of that same township and range. An access route extends ca. .2 mile northeast from the same existing road to the location (see Map 1).

Unit 21-13Y is situated in Section 13, Township 9 South, Range 16 East. This unit is situated in the NE - NW quarter of that section (see Map 1). Its access route extends ca. .5 mile east along an existing jeep trail, then southeast onto the location.

Unit 21-25Y is in the NE - NW of section 25 of Township 9 South, Range 16 East. The unit is accessible via a ca. .2 mile-long access that begins at an existing road which crosses the NW corner of that section, and extends to the southeast to the well location.

Unit 41-21Y is located in the NE - NE quarter of Section 21, Township 9 South, Range 16 East (see Map 2). Its 1 mile-long access begins at an existing roadway to the southwest of the location (see Map 3).

Unit 21-9 is also located in Township 9 South, Range 16 East. It is situated in the NE - NW quarter of Section 9 (see Map 3). This unit has a ca. .4 mile access route which will connect the location with the existing road to the south of the location (see maps 2 and 3).

Unit 44-14Y is located in the SE - SE quarter of section 14, Township 9 South, Range 17 East. A ca. 1 mile access route links the unit with an existing one lane jeep trail to the west, near the center of section 14. This jeep trail, in turn, connects with a road/pipeline corridor ca. .5 mile to the north (see map 4).

Unit 24-3Y is situated in the SE - SW quarter of section 3, Township 9 South, Range 17 East. A ca. .5 mile access route connects the unit to the main Castle Peak / Pariette Bench road to the south (see map 4).

Unit 22-10Y is in the SE - NW quarter of section 10 in that same township and range. The unit is located immediately adjacent to the access route leading to unit 24-3Y (see map 4).

Environmental Description:

The project areas range within the 5100 to 5900 foot elevation zone above sea level. Open rangeland terrain surfaces are associated with all locations.

The vegetation in the project area includes *Chrysothamnus spp., Sarcobatus vermiculatus, Ephedra viridis, Artemesia tridentata, Atriplex canescens,* and *Bromus tectorum.*

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on May 5, 1993. A similar search was conducted in the Vernal District Office of the BLM on May 3, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources, including 42DC 349, 350. 351, 352. 353, 732, 761, 763 and 765 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a, 1992b, 1992c, 1992d). Additional sites previously recorded in this locality include Sites 42DC 423, 424, and 425 which were documented by Sagebrush (Polk 1982), 42DC 382 identified by Grand River (Babcock 1981), and 42DC 539, 540, 541, 542, 543 and 556 recorded by BLM Archaeologist Blaine Phillips in 1983.

One site identified in the project area during the search may be affected. Site 42DC 765 is a lithic scatter/rockshelter complex located by AERC during a previous evaluation for Balcron in the area (Hauck 1992e). This site is located in section 8, adjacent to the proposed development area for unit 14-8, ca. 100 meters from the impacted area (see map 1). Site 42DC 765, while not directly affected by the proposed development may be adversly affected by the increased availability of access to the site.

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American

trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the region have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Open occupations are also known in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., the Fremont Culture, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and principal tributaries.

The majority of known sites in this project area are lithic scatters (42DC 349, 350, 353 and 763). Open occupations such as 42DC 352 are also present. Sites 42DC 351 and 761 are rock shelters. Based on the recovery of a Folsom point and a Desert Side-notch arrow point, a possible Paleoindian component and a more recent Numic component exist on Site 42DC 353. Sites in the project locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period.

Site density in Castle Peak Draw appears to range from six to over ten sites per section. This moderate to high density decreases substantially on the benches.

FIELD EVALUATIONS

Methodology

Intensive evaluations were accomplished within each survey area by the archaeologist walking 10 to 20 meter-wide transects within each ten acre parcel associated with a well location. In addition, double 15 to 20 meter-wide transects were walked flanking the flagged centerline. Thus, ca. 4 miles or 29.1 acres of public lands associated with the eight access routes and another 90 acres associated with the nine well locations were examined by Glade Hadden acting under the direction of F. Richard Hauck, the Principal Investigator.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

> The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:
> a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
> b. that are associated with the lives of persons significant in our past; or
> c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
> d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory:

One non-significant prehistoric cultural resource activity locus was observed, evaluated and recorded during the archaeological evaluations. This site has been subsequently listed in the State and BLM files as 42UN 2062.

> Site 42UN 2062 (see map 4) consists of a 20 x 100 meter lithic scatter that is predominantly composed of locally procured Parachute Creek chert nodules, primary and secondary flakes and a single non-diagnostic bifacially prepared

artifact. Detritus spread extends ca. 100 meters along the top of a bench associated with well location 44-14Y. Most of the site lies within the proposed development zone or access route for the unit. A small (ca. 2 x 10 meter) concentration of 6 primary and secondary flakes is associated with the single artifact. This small concentration lies entirely outside the proposed development area for the well location but is within the proposed access route. A more widely dispersed distribution of primary flakes and core fragments extending along the bench indicates limited prehistoric lithic testing and procurement activity at this site. Little potential exists for buried deposits, and no other features were noted. Site integrity is good to excellent, with the only noted impact agent being erosion, however potential for extensive occupational strata and material deposits is low. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a non-significant resource. There exists little potential for providing any pertinent or valuable information on the prehistory of the region relative to criterion d of Title 36 CFR 60.6.

None of the previously recorded cultural sites in this project locality will be adversely affected by the proposed developments, with the possible exception of site 42DC 765. This site, while not directly affected, may be adversely impacted by the increased availability of access provided by the development of unit 14-8.

No isolated diagnostic artifacts were observed or collected during the survey. A single non-diagnostic artifact associated with site 42UN 2062 was collected.

CONCLUSION AND RECOMMENDATIONS

The development and maintenance of these nine locations will not have any direct adverse effect on any NRHP eligible cultural resources in this locality.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the nine well locations noted above based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the development areas.

Glade Hadden
Field Archaeologist

F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

Babcock, T.
1981 Report on Cultural Resources Identified During an Inventory of Proposed Lomax 1-26 Well Location in the Monument Buttes Area of Duchesne County, 11/12/81. Report Prepared for Grand River Consultants, Grand Junction.

Hauck, F. Richard
1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation (AERC), Bountiful.

1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.

1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation (AERC), Bountiful.

1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation (AERC), Bountiful.

1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation (AERC), Bountiful.

1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation (AERC), Bountiful.

1992e Cultural Resource Evaluation of 7 Proposed Well locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation (AERC), Bountiful.

Polk, Michael
1982 Cultural resource inventory of NGC Well No. 12-8h. Report prepared by Sagebrush Archaeological Consultants, Ogden.

Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Summary Report of
Inspection for Cultural Resources

Authorization No .U.9.3.A.F.1.5.8.b. .

Report Acceptable Yes __ No __

Mitigation Acceptable Yes __ No __

Comments: _____

M O N U M E N T B U T T E S 9 W E L L U N I T S

1. Report Title . . . . . .

BALCRON OIL CO. (14-8, 41-18, 24-3Y, 22-10Y, 44-14Y, 41-21Y, 21-9, 21-13Y, 21-25Y)

2. Development Company

3. Report Date 0 5 06 1 9 9 3 . . . . . 4. Antiquities Permit No. UT-92-54937

5. Responsible Institution A E R C B L C R - 9 3 - 1 . . . . . County Uintah and Duchesne

6. Fieldwork Location: TWN 0 9 S RNG 1 7 E Section 0 3 0 8 1 0 14 1 8

7. Resource Area .D.M. TWN 0 9 S RNG 1 6 E Section 0 9 1 3 2 1 2 5

8. Description of Examination Procedures: The archeologist, Glade Hadden, acting under the direction of F.R. Hauck intensively examined nine 10 acre well parcels and associated access routes by walking a series of 10 to 20 meter-wide transects within the locations and along the flagged access centerlines.

9. Linear Miles Surveyed and/or Definable Acres Surveyed and/or Legally Undefinable Acres Surveyed: 4 / 119.1

10. Inventory Type: I

R = Reconnaissance
I = Intensive
S = Statistical Sample

11. Description of Findings:
One cultural resource site was identified during the survey. Site 42UN 2062 is a lithic scatter. One biface was collected. This site is non-significant.

12. Number Sites Found .1. . . . . (No sites = 0)

13. Collection: .Y. (Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 5-5-93 Vernal District Office Records 5-3-93

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the corridor examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator & Field Supervisor

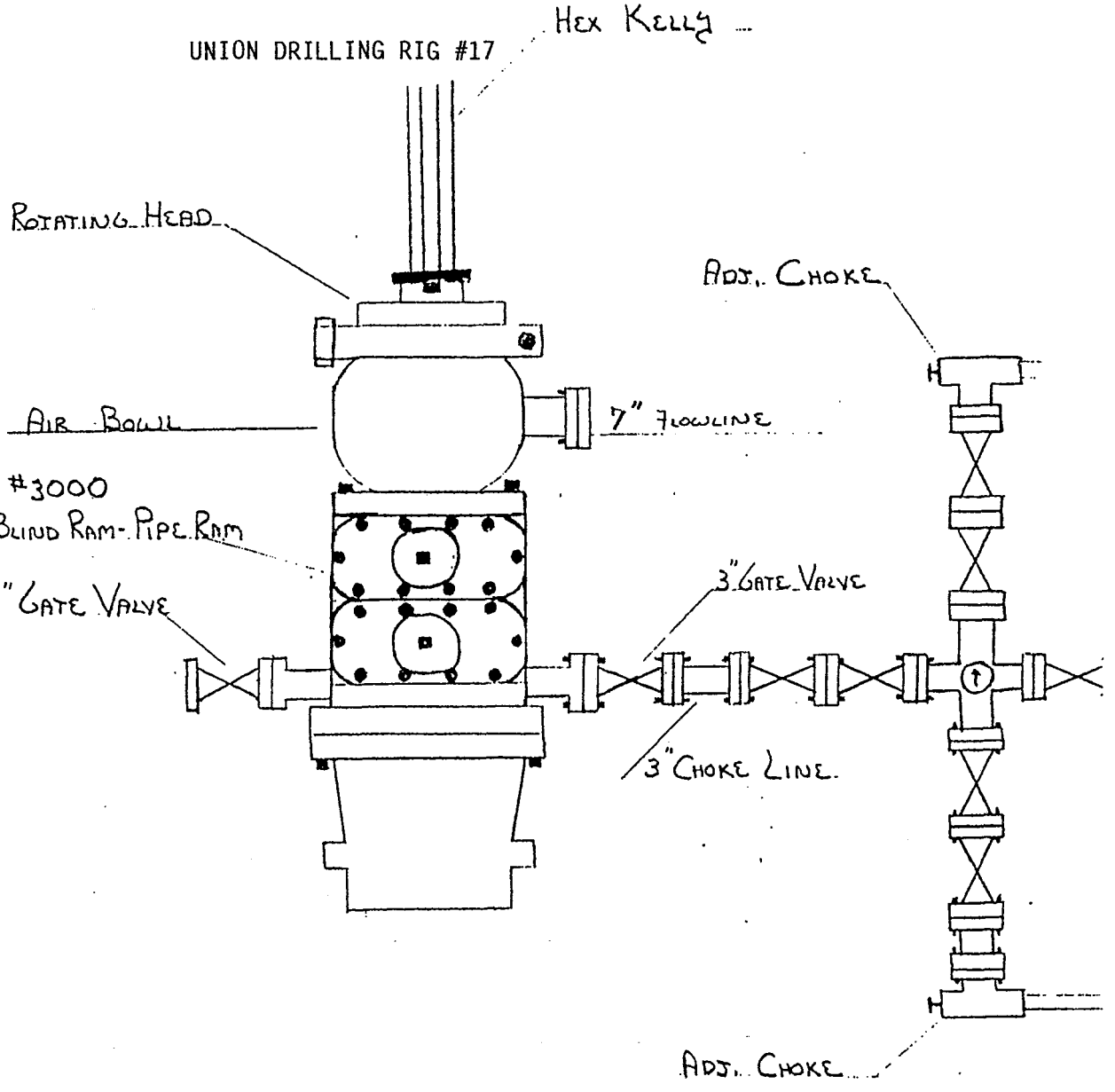
Administrator

Field Supervisor

UT 8100-3 (2/85)

EXHIBIT "H"

UNION DRILLING RIG #17



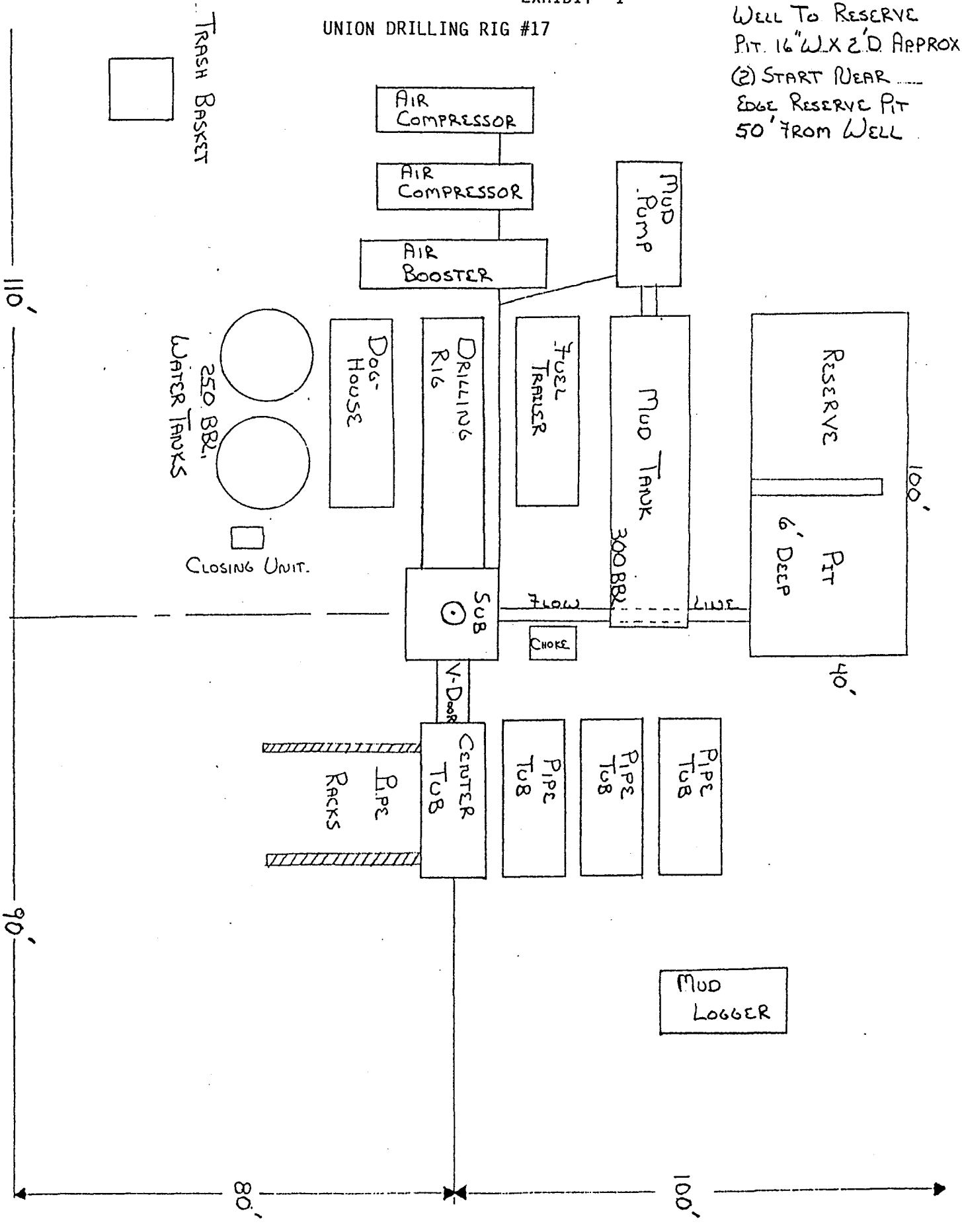
#3000 Stack

EXHIBIT "I"

UNION DRILLING RIG #17

(1) Cut Ditch From Well To Reserve Pit. 16"W x 2'D Approx

(2) Start Near Edge Reserve Pit 50' From Well



BALCRON FEDERAL
MAP A

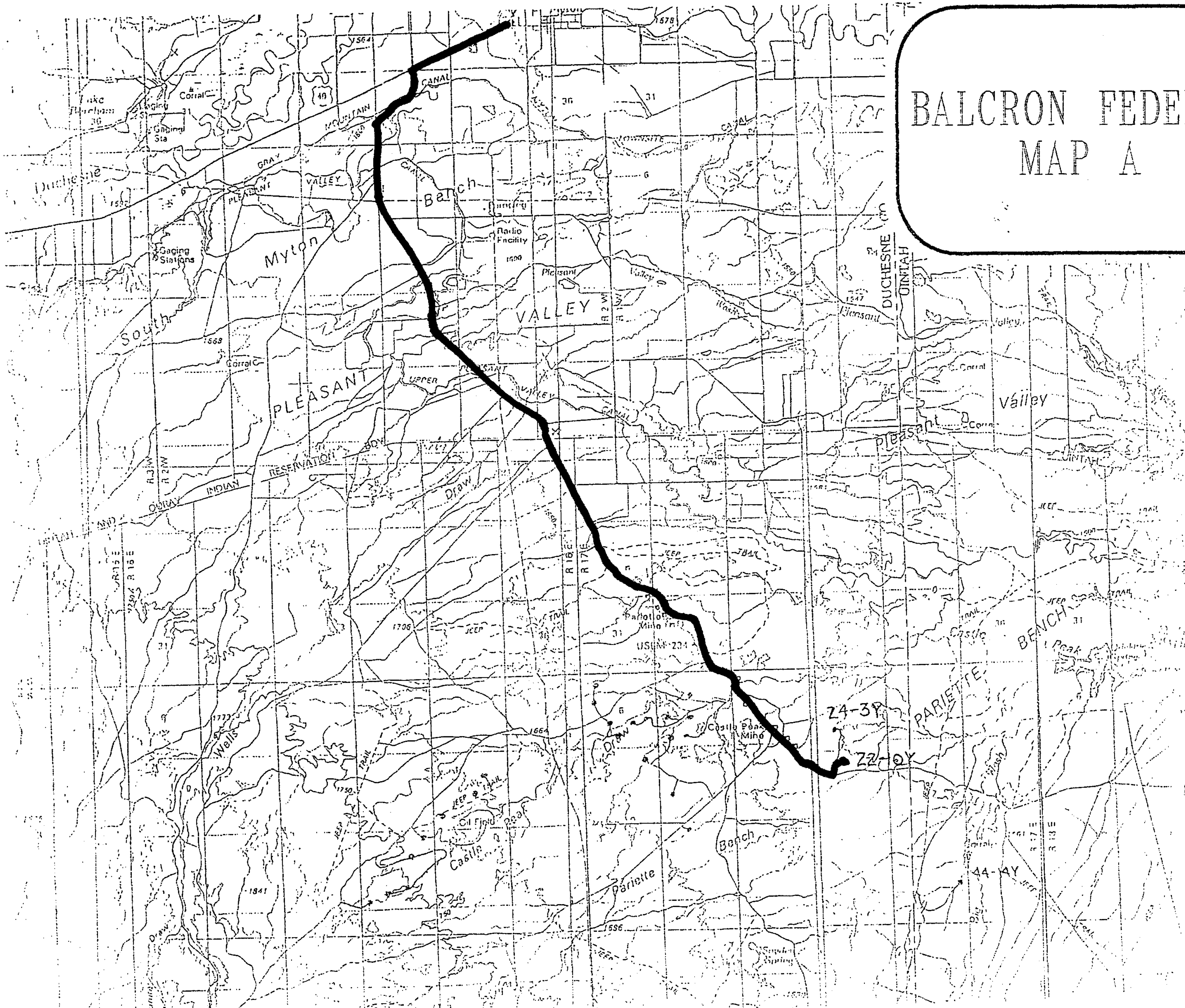


EXHIBIT "J"

EXHIBIT "K"

BALCRON FEDERAL
MAP B

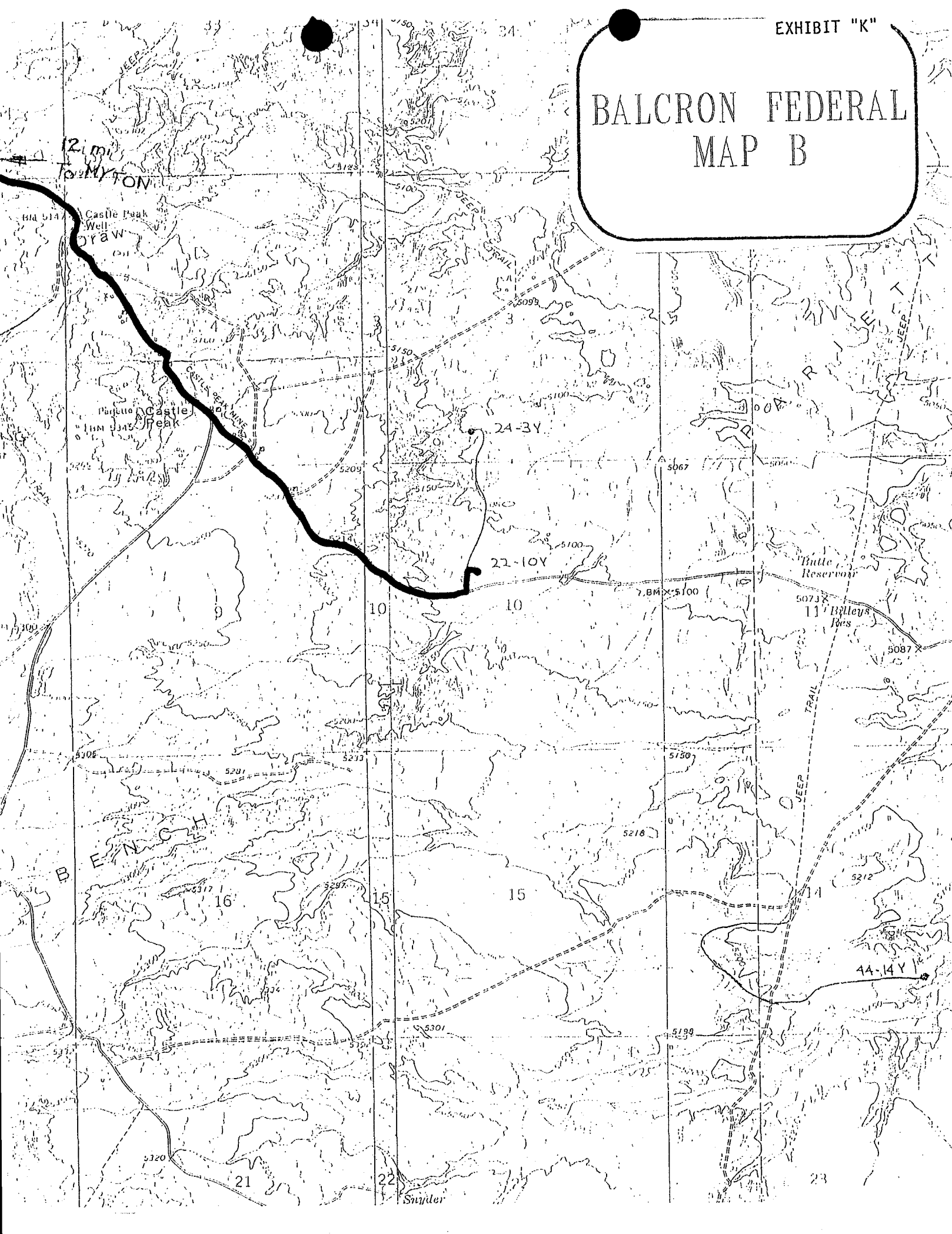


EXHIBIT "L"

BALCRON FEDERAL
MAP C

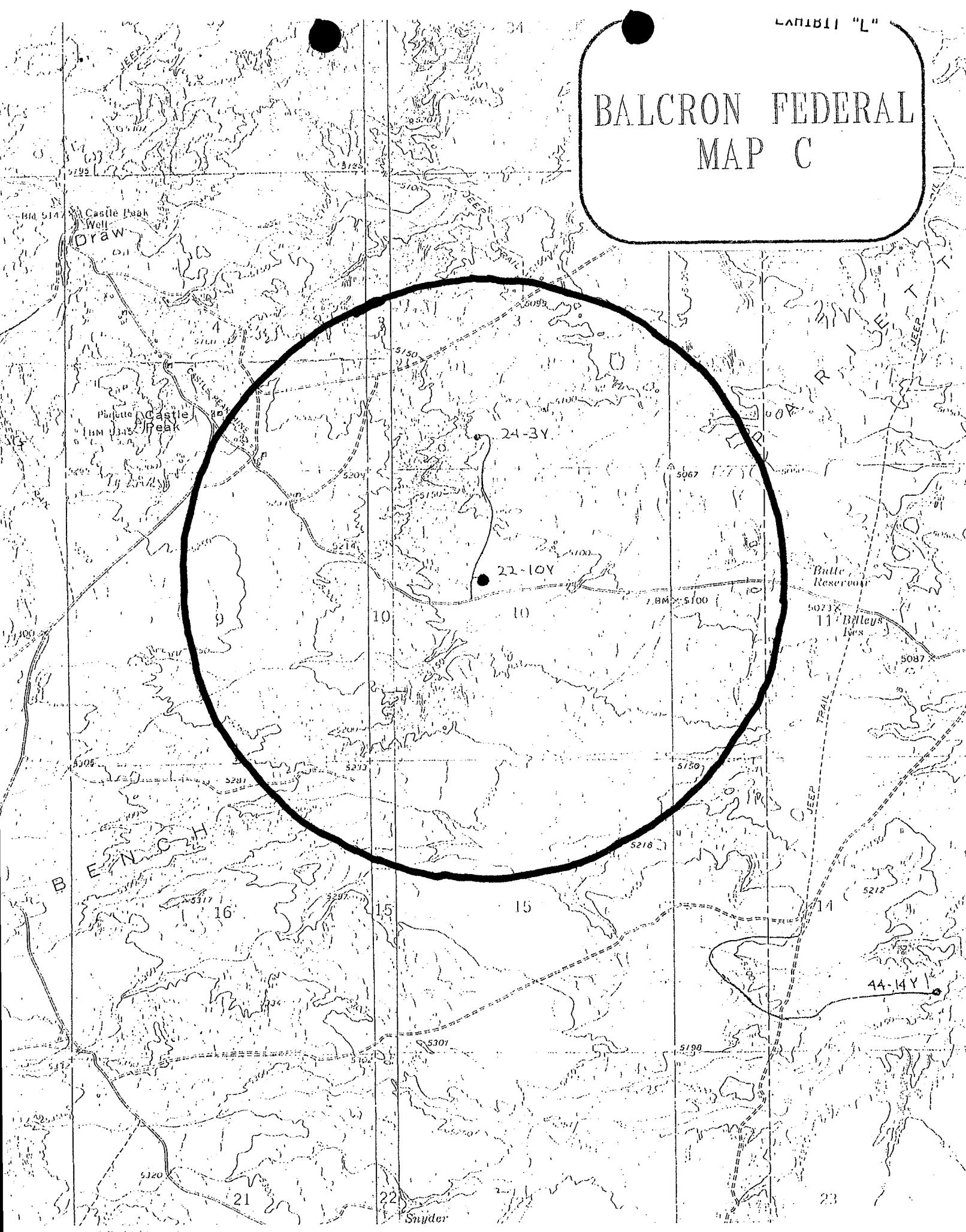
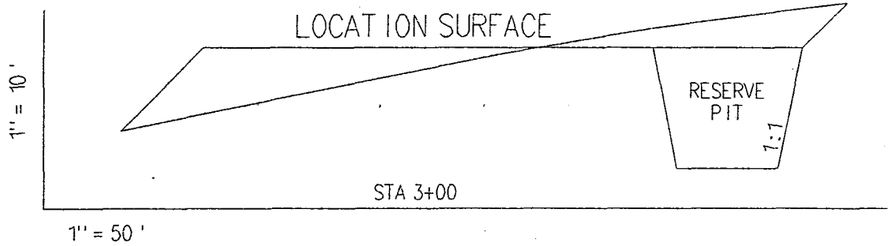


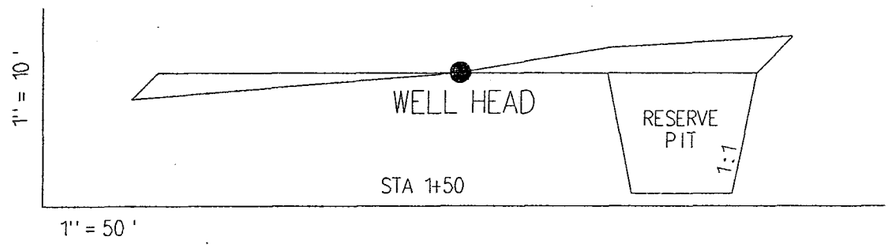
EXHIBIT "M"

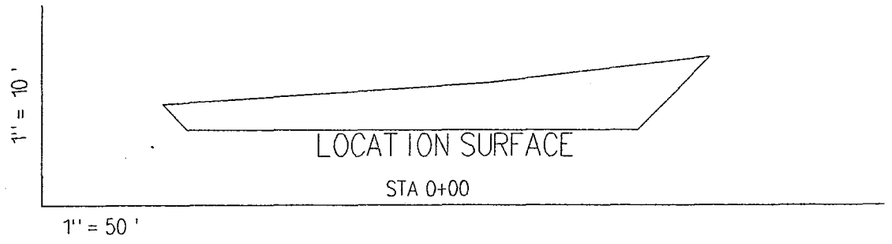
BALCRON FEDERAL

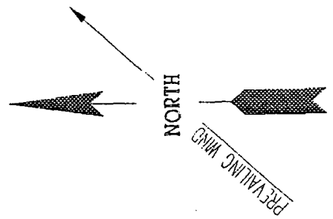
WELL LOCATION # 22-10Y

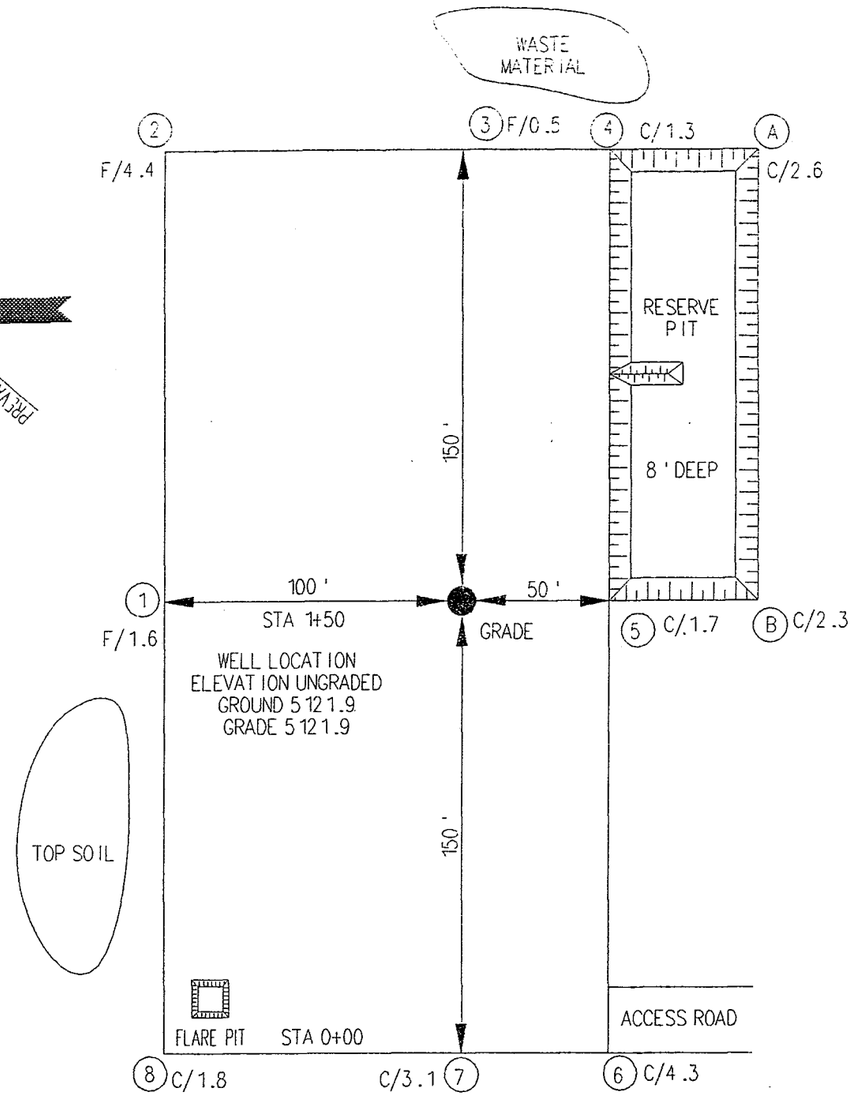
PLAT #1











REFERENCE POINTS

150' NORTH - 5120.2
200' NORTH - 5120.5
200' EAST - 5121.3
225' EAST - 5122.5

APPROXIMATE YARDAGE

CUT = 1,424 Cu Yds
FILL = 1,016 Cu Yds
PIT = 1,867 Cu Yds
TOP SOIL = 971 Cu Yds

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-65210

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. UNIT AGREEMENT NAME: n/a

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Balcron Federal

2. NAME OF OPERATOR: EQUITABLE RESOURCES ENERGY COMPANY — CONFIDENTIAL

9. WELL NO.: #22-10Y

3. ADDRESS OF OPERATOR: P.O. Box 21017; Billings, MT 59104 (Balcron Oil Division)

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: SE NW Section 10, T9S, R17E 1980' FNL, 1980' FWL
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 14 miles SW of Myton, Utah

12. COUNTY OR PARISH: Duchesne — 13. STATE: UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
	5,850'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 5121.9'

22. APPROX. DATE WORK WILL START*: June 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached for details.				

RECEIVED
MAY 20 1993
DIVISION OF OIL, GAS & MINING

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" EVIDENCE OF BOND COVERAGE
"F" ARCHEOLOGY REPORT
"G" SURVEY PLAT
"H" BOPE SCHEMATIC
"I" RIG LAYOUT
"J" EXISTING ROADS (Map A)
"K" PLANNED ACCESS (Map B)
"L" EXISTING WELLS (Map C)
"M" CUT & FILL DIAGRAM

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Bobbie Schuman — TITLE Coordinator of Environmental and Regulatory Affairs — DATE May 17, 1993
Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. 43-013-31395 — APPROVAL DATE

APPROVED BY — TITLE — DATE

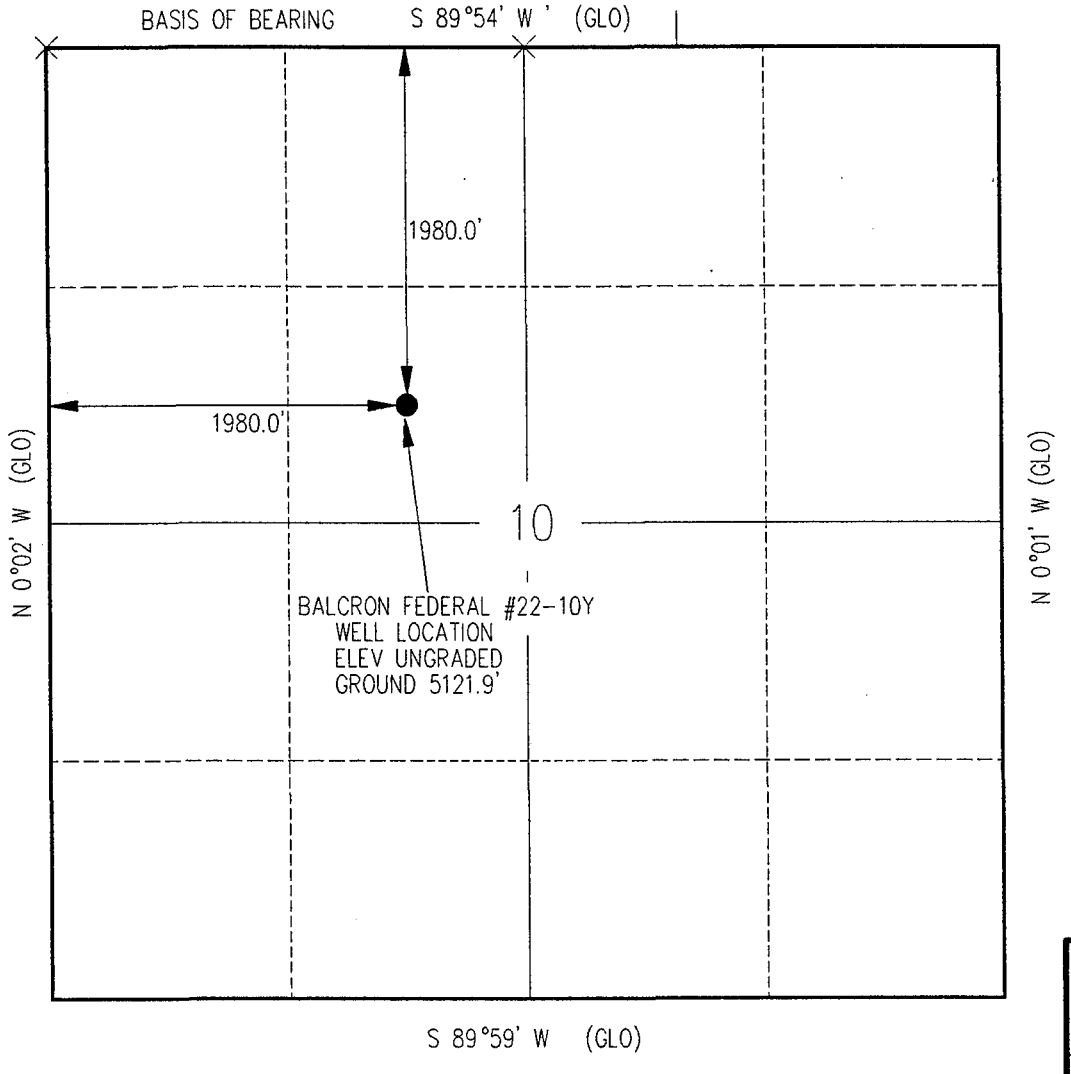
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6-21-93
BY: [signature] Matthews
WELL SPACING: 649-3-2

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T9S, R17E, S.L.B. & M.



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #22-10Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 10 , T9S, R17E, S.L.B. & M, DUCHESNE COUNTY UTAH.

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3154
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/27/93	WEATHER: CLEAR & WARM
NOTES:	FILE # #22-10Y

EXHIBIT "G"

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 05/20/93

OPERATOR: EQUITABLE RESOURCES OPERATOR ACCT NO: N-9890
WELL NAME: BALCRON FEDERAL 22-10Y

API NO. ASSIGNED: 43-013-31395

LEASE TYPE: FED LEASE NO: U-65010
LOCATION: SENW 10 - T09S - R17E DUCHESNE COUNTY
FIELD: MONUMENT BUTTE (105) FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

- ✓ Plat
- ✓ Bond (Number federal)
- ✓ Potash (Y/N)
- ✓ Oil shale (Y/N)
- ✓ Water permit (Number 43-9971 a-14-89)
- ✓ RDCC Review (Y/N) (Date: _____)

LOCATION AND SITING:

- ___ R649-2-3. Unit: _____
- ✓ R649-3-2. General.
- ___ R649-3-3. Exception.
- ___ Drilling Unit. Board Cause no: _____ Date: _____

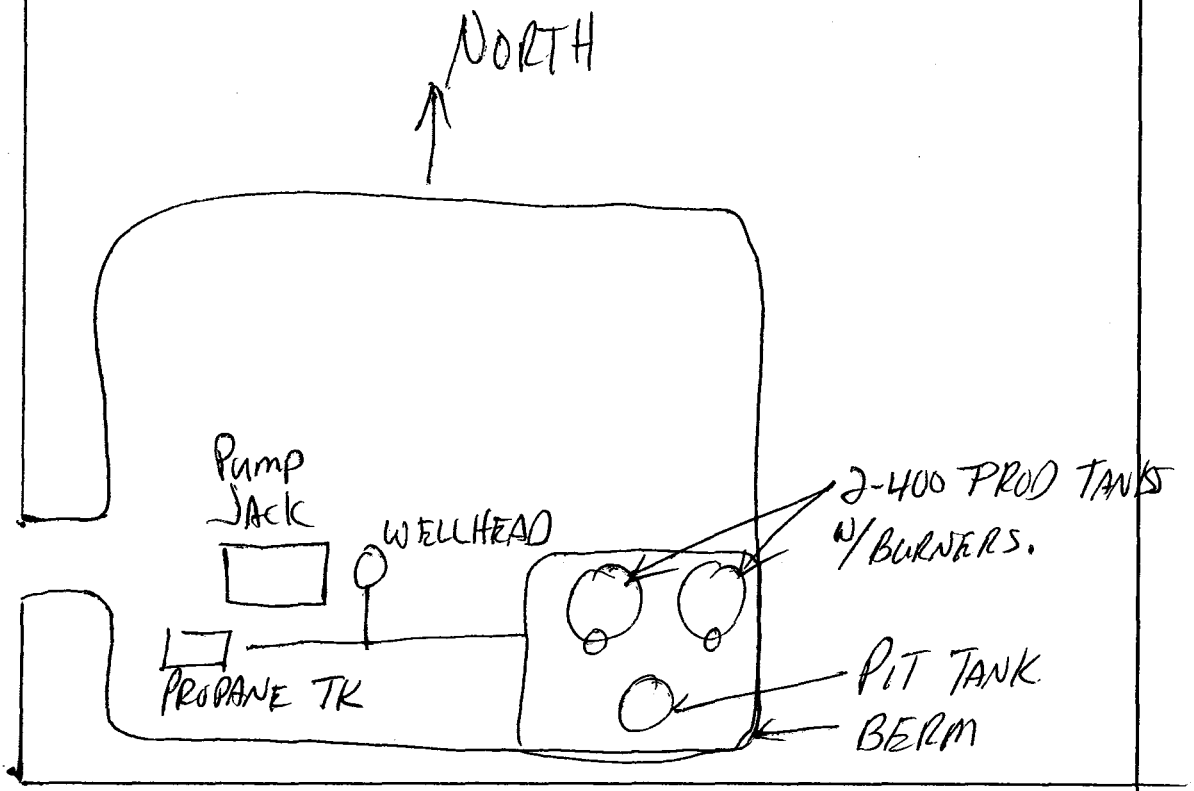
COMMENTS: four addl producing wells within Sec. 10.

STIPULATIONS: _____

cc: Duchesne county assessor.

CONFIDENTIAL PERIOD EXPIRED ON 9-30-94

EQUITABLE RESOURCES
BALCRON FED #22-10Y
43-013-31395
SEC 10 T9S R17E
POW DUCHESNE



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

June 2, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

As requested, enclosed is a copy of the State Water Use Authorization (Water User Claim No. 43-9974) which is the water source we propose to use for drilling the wells on the enclosed list. Also enclosed as requested is an explanation of the composition of the thrifty lite cement including water, all additives, and stating its yield.

Am I correct in assuming that the 30-day posting period began as of the date the Notice of Staking was received by your office (May 3 according to the date agreed upon at the onsite inspections held May 5-6) as required and stated by 43 CFR 3162.3-1(g) rather than the May 20 date the APD was received by your office? If my interpretation of 43 CFR 3162.3-1(g) is incorrect, I would appreciate a call to discuss this.

If you need further information or have any questions, please call.
Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #21-25Y
NE NW Section 25, T9S, R16E
Duchesne County, Utah
198.4' FNL, 2302.2' FWL
FLS #U-64380
PTD 5,650'
GL 5684.9'

Balcron Federal #41-21Y
NE NE Section 21, T9S, R16E
Duchesne County, Utah
970.2' FNL, 893.8' FEL
FLS #U-64379
PTD 6,000'
GL 5953.5'

Balcron Federal #24-3Y
SE SW Section 3, T9S, R17E
Duchesne County, Utah
561.8' FSL, 1887.2' FWL
FLS #U-64381
PTD 5,950'
GL 5099.1'

Balcron Federal #21-9Y
NE NW Section 9, T9S, R16E
Duchesne County, Utah
476.2' FNL, 2051' FWL
FLS #U-65207
PTD 6,190'
GL 5747.3'

Balcron Federal #21-13Y
NE NW Section 13, T9S, R16E
Duchesne County, Utah
702.7' FNL, 1830.5' FWL
FLS #U-64805
PTD 5,900'
GL 5535.5'

Balcron Federal #22-10Y
SE NW Section 10, T9S, R17E
Duschene County, Utah
1980' FNL, 1980' FWL
FLS #U-65210
PTD 5,850'
GL 5121.9'

MONUMENT BUTTE DRILLING PROGRAM

==========

Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah
1008.2' FSL, 832.3' FEL
FLS #U-64806
PTD 5,700'
GL 5164.3'

Balcron Monument Federal #14-8
SW SW Section 8, T9S, R17E
Duchesne County, Utah
660' FSL, 660' FWL
FLS #U-007978
PTD 5,950'
GL 5370.6'

Balcron Monument Federal #41-18
NE NE Section 18, T9S, R17E
Uintah County, Utah
660' FNL, 660' FEL
FLS #U-3563-A
PTD 5,900'
GL 5406.3'

6/2/93
/rs

APPLICATION FOR PERMANENT CHANGE OF WATER

RECEIVED APR 17 1987 WATER RIGHTS SALT LAKE

Rec. by DL Fee Paid $ 15.00 Receipt # 22150 Microfilmed ____ Roll # ____

STATE OF UTAH

For the purpose of obtaining permission to make a permanent change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

*WATER USER CLAIM NO. 43-9974 *APPLICATION NO. a-14289

Changes are proposed in (check those applicable)

____ point of diversion. ____ point of return.

✓ place of use. ✓ nature of use.

1. OWNER INFORMATION

Name: Owen Dale Anderson *Interest: ____%

Address: PO Box 1168 Vernal UT 84078

2. *PRIORITY OF CHANGE: ____ *FILING DATE: ____

*Is this change amendatory? (Yes/No): ____

3. RIGHT EVIDENCED BY: 43-3525

Prior Approved Change Applications for this right: 83-43-21 84-43-73 & 14099

********** HERETOFORE **********

4. QUANTITY OF WATER: 0.5 cfs and/or ____ ac-ft.

5. SOURCE: U.G.W. (well)

6. COUNTY: Duchesne

7. POINT(S) OF DIVERSION: South 1167 ft East 340 ft from N¼ Corner Section 27 T1S, R2W, USB+M

Description of Diverting Works: ____

8. POINT(S) OF REDIVERSION

The water will be rediverted from ____ at a point: ____

Description of Diverting Works: ____

9. POINT(S) OF RETURN

The amount of water consumed is ____ cfs or ____ ac-ft.

The amount of water returned is ____ cfs or ____ ac-ft.

The water will be returned to the natural stream/source at a point(s): ____

*These items are to be completed by Division of Water Rights.

10. NATURE AND PERIOD OF USE

Stockwatering: From Jan 1 to Dec 31
Domestic: From ____ to ____
Municipal: From ____ to ____
Mining: From ____ to ____
Power: From ____ to ____
Other: From Jan 1 to Dec 31
Irrigation: From April 1 to Oct 31

11. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): 250 Livestock Units
Domestic: ____ Families and/or ____ Persons.
Municipal (name): ____
Mining: ____ Mining District in the ____ Mine.
Ores mined: ____
Power: Plant name: ____ Type: ____ Capacity: ____
Other (describe): ~~drilling & completion of oil field locations~~ Fish Culture
Irrigation: 55.7 acres. Sole supply of ____ acres

12. PLACE OF USE

Legal description of areas of use ~~other than irrigation~~ by 40 acre tract: n/a

13. STORAGE

Reservoir Name: Unnamed Storage Period: from 11-1 to 3-31
Capacity: 4.0 ac-ft. Inundated Area: ____ acres
Height of dam: ____ feet
Legal description of inundated area by 40 tract: NW NE Sec 22, T1S R2W USB&M

********** THE FOLLOWING CHANGES ARE PROPOSED **********

14. QUANTITY OF WATER: ____ cfs and/or 20.0 ac-ft
15. SOURCE: UGW Remaining Water: same
16. COUNTY: Duchesne
17. POINT(S) OF DIVERSION: same

Description of Diverting Works: ____

18. POINT(S) OF REDIVERSION

The water will be rediverted from ____ at a point: ____

Description of Diverting Works: ____

19. POINT(S) OF RETURN

The amount of water consumed is _____ cfs or _____ ac-ft

The amount of water returned is _____ cfs or _____ ac-ft

The water will be returned to the natural stream/source at a point(s): _____

20. NATURE AND PERIOD OF USE

Stockwatering: From _____ to _____

Domestic: From _____ to _____

Municipal: From _____ to _____

Mining: From _____ to _____

Power: From _____ to _____

Other: From Jan 1 to Dec 31

Irrigation: From _____ to _____

21. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): _____

Domestic: _____ Families and/or _____ Persons

Municipal (name): _____

Mining: _____ Mining District in the _____ Mine

Ores mined: _____

Power: Plant name: _____ Type: _____ Capacity: _____

Other (describe): drilling and completion of oil wells

Irrigation: _____ _____ acres. Sole supply of _____

22. PLACE OF USE

Legal description of areas of use by 40 acre tract: _____

Other: hauled to locations by water trucks as needed

23. STORAGE

Reservoir Name: _____ Storage Period: from _____ to _____

Capacity: _____ ac-ft. Inundated Area: _____ acres

Height of dam: _____ feet

Legal description of inundated area by 40 tract: _____

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary): _____

Change is for oilfield drilling and exploration.
Approximately 4 acre ft/year will be taken from
irrigation purposes and used for oilfield purposes
Acres to be irrigated will change from ~~55.7~~ 50.7 to ~~50~~ 45.7 acres

****

he undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation
f the above-numbered application through the courtesy of the employees of the Division of Water Rights, all
esponsibility for the accuracy of the information contained herein, at the time of filing, rests with the
pplicant(s).

Signature of Applicant(s)

6-2-93

TO: Bobbie

FROM: Dave Mc

RE: Cement Information

Thrifty Lite Cement Composition:

Class "G" cement with;

4.0% Thrifty Lite *
3.0 Lbs/Sk CSE *
3.0% salt
0.25 Lbs/Sk Cello Flakes
200% Water

* See Attached product Description

Thrifty Lite Cement Properties:

Slurry Weight:	11.02 Lbs/Gal
Slurry Yield:	3.58 Cu. Ft./Sk
Mix Water:	22.56 Gal/Sk
Est. Pump Time:	4.0 Hrs
Free Water:	0.0 CC

DV040145

PRODUCT DESCRIPTIONS

CELLO-SEAL

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

CSE

Compressive Strength Enhancer - Fumed Silica. An additive which contributes to low density, high compressive strength development of cement slurries at all temperature ranges. This material also controls free water without the need for standard extenders.

CLASS G CEMENT (API) [Premium Cement]

Intended for use as a basic cement from surface to 8000 Ft. as manufactured, or can be used with accelerators and retarders to cover a wide range of well depths and temperatures.

SODIUM CHLORIDE (NaCl)

Commonly called salt, is used to reduce damage caused by cement filtrate and to promote better bonding. At low concentration, less than 10% by weight of mixing water, it acts as an accelerator, while at concentrations greater than 15-18%, it will retard thickening time and strength development.

THRIFTY LITE

Anhydrous sodium metasilicate compound used as an extender for cement slurries. Thrifty Lite yields a very economical filler slurry on a cost per cu. ft. of slurry basis and is a mild accelerator that will cause the slurry to set at low temperatures.

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

June 21, 1993

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Gentlemen:

Re: Balcron Federal #22-10Y Well, 1980' FNL, 1980' FWL, SE NW, Sec. 10, T. 9 S, R. 17 E, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.

2. Notification within 24 hours after drilling operations commence.

3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.

4. Submittal of the Report of Water Encountered During Drilling, Form 7.

5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31395.

Sincerely,

R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
Duchesne County Assessor
J.L. Thompson
WOI1

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-65210

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. UNIT AGREEMENT NAME: n/a

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Balcron Federal

2. NAME OF OPERATOR: EQUITABLE RESOURCES ENERGY COMPANY — CONFIDENTIAL

9. WELL NO.: #22-10Y

3. ADDRESS OF OPERATOR: P.O. Box 21017; Billings, MT 59104 (Balcron Oil Division)

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: SE NW Section 10, T9S, R17E 1980' FNL, 1980' FWL
At proposed prod. zone: 43-013-31395

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 14 miles SW of Myton, Utah

12. COUNTY OR PARISH: Duchesne — 13. STATE: UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH: 5,850'	20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 5121.9'

22. APPROX. DATE WORK WILL START*: June 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached for details.				

RECEIVED
JUL 12 1993
DIVISION OF OIL, GAS & MINING

RECEIVED
MAY 20 1993

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" EVIDENCE OF BOND COVERAGE
"F" ARCHEOLOGY REPORT
"G" SURVEY PLAT
"H" BOPE SCHEMATIC
"I" RIG LAYOUT
"J" EXISTING ROADS (Map A)
"K" PLANNED ACCESS (Map B)
"L" EXISTING WELLS (Map C)
"M" CUT & FILL DIAGRAM

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Bobbie Schuman — TITLE Coordinator of Environmental and Regulatory Affairs — DATE May 17, 1993

Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE ASSISTANT DISTRICT MANAGER MINERALS — DATE JUL 07 1993

CONDITIONS OF APPROVAL, IF ANY:

Div OGM

NOTICE OF APPROVAL

UT080-3M-052

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

API Number: 43-013-31395

Well Name & Number: Balcron Federal 22-10Y

Lease Number: U-65210

Location: SENW Sec. 10 T. 9S R. 17E

Surface Ownership: Federal Lands administered by BLM

Date NOS Received: May 3, 1993

Date APD Received: May 20, 1993

NOTIFICATION REQUIREMENTS

Location Construction	-	at least forty-eight (48) hours prior to construction of location and access roads.
Location Completion	-	prior to moving on the drilling rig.
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	at least twenty-four (24) hours prior to initiating pressure tests.
First Production Notice	-	within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

   Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

   All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

   The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

   Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

   The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

   Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at ± 2,458 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 2,258 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

If a plastic reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the AO.

Additional Surface Conditions of Approval

Fall seeding is preferred and will be done after September 15 and before the ground freezes. Spring seeding will be done prior to April 15.

The requested emergency pit is hereby approved under NTL-2B, Section VI, subject to the following Conditions of Approval:

1. If emergency use occurs, the emergency pit shall be emptied and the liquids disposed of in accordance with applicable State and/or Federal regulations within 48 hours following its use, unless such time is extended by the authorized officer.

2. As much as practicable, the emergency pit shall be located on level ground, and away from drainage patterns and unstable ground.

3. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for drilling the reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.

4. Produced water drain lines shall not go to the emergency pit.

5. The pit shall be bermed or otherwise constructed and maintained to prevent entrance of surface water.

6. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

7. The pit shall be kept free of trash.

If historic, archaeological, or paleontological resources are uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

MINIMUM STANDARDS FOR DAMS
IMPOUNDING UNDER 10 AC. FT.

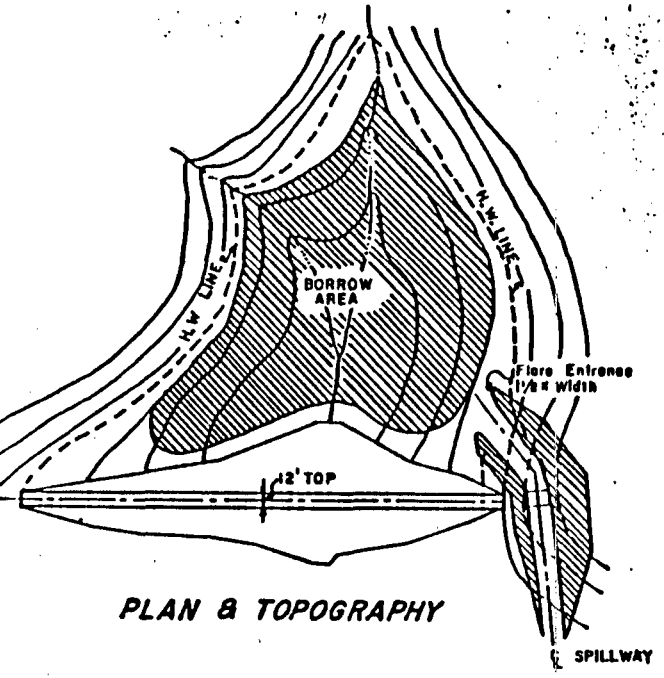
I. Site Location and Design
   A. Authorized BLM personnel must approve site location, fill material, foundation material, spillway size and location.
   B. Dam layout and location shall be with surveying instruments by qualified personnel.

II. Borrow Areas
   A. Borrow material shall be taken from within the reservoir basin below the high water line whenever possible.
   B. Vegetation, debris, and topsoil shall be removed to a depth of 12" below natural ground line and deposited as directed.
   C. Vegetation, debris, and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line as directed.
   D. Vegetation, debris and topsoil moved below the dam shall be contoured, smoothed and blended into natural ground lines away from fill areas and outside the wash bottom.
   E. Borrow areas shall be smoothed, contoured and blended into natural ground lines.

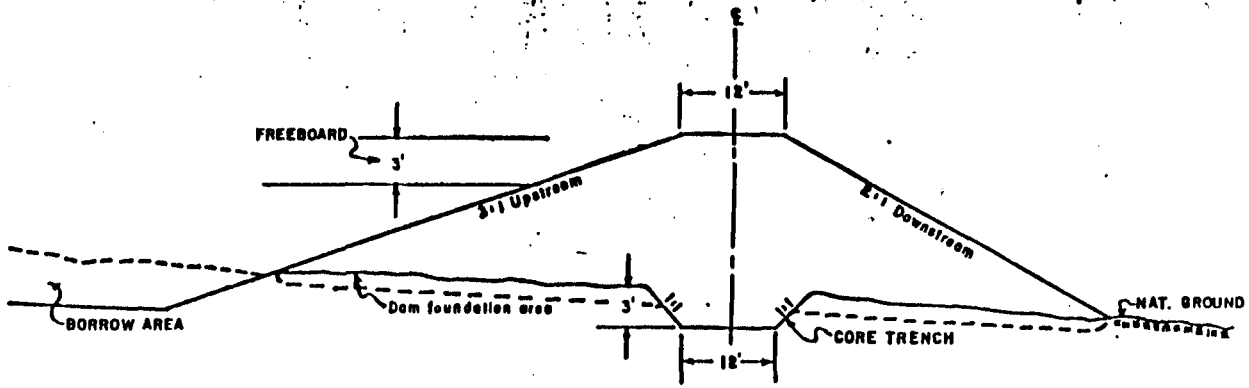
III. Core Trench and Dam Foundation
   A. A core trench shall be constructed 12' wide along the full length of the dam center line to a minimum depth of 3' or bedrock.
   B. Sides of the core trench shall not be steeper than 1:1 slopes.
   C. Soft or unstable material encountered in the core trench or dam foundation shall be removed and will not be used as fill.

IV. Dam and Core Fill
   A. Fill shall be homogeneous material, preferably of highly impervious, compactable soils (such as high clay content soils free of organic material, sand or rock).
   B. Lifts of fill shall not exceed 6" when compacted.
   C. Fill shall be built up at a consistant rate the full length of the dam.
   D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
   E. Fill shall be smoothed, maintaining specified slopes.

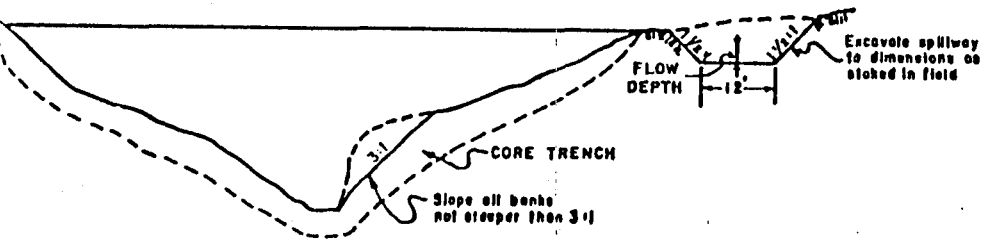
V. Spillway
   A. Spillway shall be constructed through natural material.
   B. Spillway shall be constructed to divert overflow away from fill areas or natural material that is an integral part of the dam.
   C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.



PLAN & TOPOGRAPHY



CROSS SECTION



PROFILE

MINIMUM STANDARDS FOR DAMS
IMPOUNDING UNDER 10 AC. FT.

1. BLM PERSONNEL MUST APPROVE SITE LOCATION, FILL MATERIAL, FOUNDATION MATERIAL, SPILLWAY SIZE AND LOCATION.
2. DAM LAYOUT & LOCATION MUST BE WITH SURVEYING INSTRUMENTS BY QUALIFIED SURVEYOR,
3. MAX. WATER DEPTH AGAINST THE DAM WILL BE 10' WHEN CONSTRUCTED WITH A CRAWLER TRACTOR.
4. SOIL WILL BE PLACED IN NOT MORE THAN 6" LIFTS AND EACH LIFT COMPACTED WITH A CRAWLER TRACTOR.
5. SPILLWAY MUST BE THROUGH NATURAL MATERIAL.
6. A COAR TRENCH WILL BE CONSTRUCTED 3' DEEP OR TO BED ROCK.
7. BORROW MATERIAL WILL BE TAKEN FROM WITHIN THE RESERVOIR BASIN BELOW THE HIGH WATER MARK WHENEVER POSSIBLE.

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RETENTION DAM
TYPICAL PLAN & SECTION

DESIGNED	RECOMM.
DRAWN	RECOMM. CHIEF, DIV. OF ENG
CHECKED	APPROVED
SCALE NOT TO SCALE	
DATE	SHEET 1 OF 1
DRAWING NO.	

ALWAYS THINK SAFETY GPO 830-170

DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**
1980' FNL, 1980' FWL
PTD: 5900 Formation: Green River
Green River Prospect/Monument Butte Field
Elevations: 5121.9' GL
Contractor: Union Drilling
Operator: Balcron/EREC
Spud: 7/25/93
Casing:

7-15-93 to 7/17/93 Present Operation: Build location.

7/21/93 Present Operation: Install pit liner.

7-22-93 Present Operation: Fill pit.
CC: $12,450

7-25-93 TD: 142' (142') Day 1
Formation: Uinta
Present Operation: Drilling surface.
Spud @ 2:30 AM on 7/25/93. Move rig & rig up. Drill rat hole, conductor hole & install rotating head. Drill 12-1/4" surface hole. Cement with 150 sx premium cement with 2% calcium chloride, 1/4 pound per sack Celo-flake. 7 to 8 bbls cement. Circulate to pit. Plug down 1:00 PM 7/25/93. BLM rep on cement job - Dave Brown. BLM rep on pressure test - Randy Bywster. Roughneck got injured with 13-3/8" flange.
DC: $2,757 CC: $15,207

7-26-93 TD: 265' (123') Day 2
Formation: Uinta
Present Operation: Pressure testing.
Finish drilling surface hole to 265'. Trip out of hole & run 6 jts 8-5/8" casing. Had to circulate down 10'. Cement with Western. Good returns, 7 to 8 bbls cement back. WOL, weld on surface head & nipple up BOP & manifold. Pressure test, everything OK, except casing test. Had to run packer plug. Found leak in bull plug in head.
DC: $6,141 CC: $21,348

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BALCRON OIL CO. 43-013-31395

WELL NAME: BALCRON FEDERAL 22-10Y

Section 10 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION DRILLING

Rig # 17

SPUDDED: Date 7/25/93

Time 2:30 AM

How ROTARY

Drilling will commence _____

Reported by BY FAX-AL PLUNKETT

Telephone # _____

Date 7/26/93 SIGNED JLT

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Balcron Federal #22-10Y

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other notice of spud and running casing	☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud at 2:30 a.m. 7/25/93. 8-5/8" surface casing was set at 254.85' and cemented with 150 sx premium w/2% CaCl & 1/4 #/sx celloflake. Plug down at 1 p.m. 7/25/93.

BLM representative on cement job: Dave Brown

BLM representative on pressure test: Randy Bywater

RECEIVED
JUL 27 1993
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date July 26, 1993

Bobbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

ATE OF UTAH
VISION OF OIL, GAS AND MINING

NTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
ADDRESS ~~P.O. Box 21017~~
Billings, MT 59104

OPERATOR ACCT. NO. N9890

CTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	11501	43-013-31395	Balcron Federal #22-10Y	SW NW	10	9S	17E	Duchesne	7/25/93	7/25/93

LL 1 COMMENTS:
Spud of new well. Entity added 7-29-93. lc

LL 2 COMMENTS:

LL 3 COMMENTS:

LL 4 COMMENTS:

LL 5 COMMENTS:

TION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

TE: Use COMMENT section to explain why each Action Code was selected.

89)

RECEIVED
JUL 27 1993
DIVISION OF
OIL GAS & MINING

Bobbie Schuman
Signature
Coordinator of Environmental
~~and Regulatory Affairs~~
Title
July 26, 1993
Date
Phone No. (406) 259-7860

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**

7-31-93 TD: 5,261' (823') Day 7
MW 8.5 Vis 27 pH 10
Formation: Green River
Present Operation: Drilling.
Finish trip, unload hole a few times before bottom. Drill survey. Repair booster. Hole making 15 or 16 BBLS water per hour. Fluid level 3000 on trip.
DC: $11,377 CC: $92,917

8-1-93 TD: 5,824' (563') Day 8
MW 8.5 Vis 27 pH 10
Formation: Green River
Present Operation: Short trip.
Drill, survey, circulate & blow hole with air & foam. Circulate hole with KCL water. Pull 15 stands & circulate hole.
DC: $10,493 CC: $103,410

8-2-93 TD: 5,824' (0') Day 9
Formation: Green River
Present Operation: Start running casing.
Short trip back in & circulate 2 hours. Trip out. Wait on Schlumberger 2 hours. Tag well, trip in hole & circulate. Lay down drill pipe & drill collars. Rig up casing tongs.
DC: $17,878 CC: $121,288

8-3-93 TD: 5,824' (0') Day 10
Present Operation: Prep to move.
Run 5-1/2 casing, cement with Western. Good circulation throughout job. Bump plug, float held. Nipple down BOP, set slips, clean mud tank. Cement with 154 sxs Thrifty Lite & tail w/258 sxs 50/50 Paz & additive. Plug down @ 12:00 Noon 8-2-93. **Release rig @ 4:00 PM 8/2/93.**
DC: $44,406 CC: $165,694
===LAST REPORT UNTIL COMPLETION STARTS===

DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**

7-27-93 TD: 1,340' (1,075') Day 3
Formation: Green River
Present Operation: Drilling.
Pressure test. Everything tested O.K. Box, manifold & lines to 2000#. Head & surface pipe to 1500#. Trip in hole & drill cement & plug. Survey, drill. Hole wet 550'.
DC: $16,788 CC: $38,136

7-28-93 TD: 2,675' (1,335') Day 4
MW 8.3 Vis 27
Formation: Green River
Present Operation: Drilling.
Drill, survey, put more air on hole. Now have 3 compressors & 2 boosters. Work on booster. Drill. Drilling break 2,595' to 2,615' - background gas went from 4 units to 1680 units.
DC: $18,236 CC: $56,372

7-29-93 TD: 3,740' (1,065') Day 5
MW 8.4 Vis 27 pH 10.4
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig & compressors.
DC: $14,919 CC: $71,291

7-30-93 TD: 4,438' (698') Day 6
MW 8.5 Vis 27 pH 10.4
Formation: Green River
Present Operation: Trip in hole.
Drill, survey, change air head, repair booster, drill, trip out for bit. Picked up a little more water around 4,150'.
DC: $10,249 CC: $81,540

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.: U-65210

6. If Indian, Allottee or Tribe Name: n/a

7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Balcron Federal #22-10Y

2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.: 43-013-31395

3. Address and Telephone No.: P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area: Monument Butte/Grn.River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State: Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other replacement rig for completion	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We will be uising Cannon Well Service as a completion rig on this well.

RECEIVED
AUG 0 5 1993
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Debbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date August 3, 1993
Debbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**

8-15-93 Present Operation: Breaking down perfs.
TOOH w/2-7/8" tbg, SN & packer. RU Cutters Wireline to perf. Perf 5,012'-30' KB w/2 SPF. RD Cutters Wireline. TIH w/5-1/2" RBP & MOD HD Packer, set BP @ 5,105' KB. Set packer @ 4,973' KB. RU Western to break perfs. Pressure test surface equipment to 4000 PSIG - held OK. Start breakdown. Break @ 2400 PSIG @ 3.5 BPM. Never got ball off - maximum pressure 2450 psi, used 75 balls. ISIP 1700 PSIG, pump 35 BBLS water w/75 balls. Got partial ball off. Maximum pressure 3000, maximum rate 4.0 BPM. Rig up to swab. Flow back 30 BBLS water. Made 2 swab runs. Swab back 18 BBLS water. Load to recover 195 BBLS water. Load recovered today 48 BBLS. Load to recover from perf 5,012'-30' = 147 BBLS water. TOOH w/tbg & packer. SWIFD.
DC: $7,003 CC: $221,637

8-17-93 Present Operation: Preparing to frac.

8-17-93 Present Operation: TIH with tubing to swab.
RU Western to frac. Casing PSIG 95. Pressure test surface equipment to 5000 PSIG - OK. Start frac pad, 107 BBLS water maximum rate, maximum pressure 2430.

START SAND	MAXIMUM RATE	MAX. PRESSURE	SLURRY VOLUME
2# 20/40	26 BPM	2440	23
3# 20/40	25.8 BPM	2450	23
4# 20/40	26 BPM	2470	31
5# 20/40	26 BPM	2440	32
6# 20/40	25.8 BPM	2390	45
6# 16/30	25.7 BPM	2200	61
7# 16/30	25.8 BPM	2100	41
Start Flush	26.1 BPM	2650	118

Continued. . .

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**

8-13-93 Present Operation: TIH w/Pkr to swab. Casing 690 PSIG.

8-13-93 **---REVISED REPORT---**
Present Operation: Fracing.
Casing PSIG 30. RU Western to frac. 16 BBLS of water to load casing. Pressure test surface equipment to 4450 PSIG - held OK. Start pad 114 BBLS of water; maximum pressure 1850 psi, rate 26 BPM, 2% KCL.

SAND	MAXIMUM RATE	MAX. PRESSURE	STAGE BBLS.
20/40 2#	26.6	1980	22
20/40 3#	26.6	1800	23
20/40 4#	26.5	1760	24
20/40 5#	26.5	1720	34
20/40 6#	26.5	1550	61
16/30 6#	26.4	1500	48
16/30 7#	26.2	1420	60
	Flush 26.9	1820	126

ISIP 1450 psi, 5 minutes 1290 psi, 10 minutes 1230 psi, 15 minutes 1210 psi. Frac. Load to recover 362 BBLS. Break down load to recover 30 BBLS. Total load to recover 392 BBLS. SWIFD.
---PLEASE SEE ATTACHED TREAMENT SUMMARY (3 Pages)---
DC: $19,476 CC: $210,719

8-14-93 Present Operation: TOOH.
Casing PSIG 690. TIH w/1 jt 2-7/8" tbg, R-3 packer, SN & 171 jts 2-7/8" tbg. Tubing set @ 5,348' KB, set packer @ 5,317' KB. Flowed back 60 BBLS water. Made 41 swab runs. Swab back 246 BBLS water; last 3 runs 15% oil, good gas. Last run no sand. Release packer & tag fill at 5,600' KB. Circulate sand out to PBTD 5,760' KB. POOH w/26 jts 2-7/8" tbg. SWIFN.
DC: $3,915 CC: $214,634

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**

8-3-93 Grade & dress up location (Craig Roustabout Service). Set rig anchors (Rocky Mountain Anchor Service).
DC: $1,212 CC: $166,906

8-4-93 RU Schlumberger & run Bond Log from PBTD to top of cement @ 2,450'.
DC: $4,247 CC: $171,153

8-7-93 MIRU, NU BOP, Move & fill frac tank.
DC: $1,347

8-9-93 Set rig pump & flat tank, set 500 BBL Frac Master, TIH w/4-3/4" drag bit, scraper, & 2-7/8" tbg, 186 jts to PBTD 5,760' KB. Pressure BOP to 1000 PSIG. Circulate hole clean w/165 BOW 2% KCL. TOOH w/tbg scraper & bit. SWIFN.
DC: $12,264

8-10-93 RU Cutters Wireline to perforate. Perforate 5,428'-31' 2 shots; 5,408'-20' 6 shots; 5,363'-81' KB 7 shots. RD Cutters. TIH w/5-1/2 retrievable bridge plug, retrieving head, 4' x 2-7/8" sub, 5-1/2" R-3 Pkr, 2-1/2 seat nipple, & 175 jts 2-7/8" tbg. Set BP @ 5,454' KB, set Pkr @ 5,398' KB. RU Western to do break down pressure test surface equipment to 4000 psi - OK. Break down @ 2800 PSIG, @ .7 BPM, pumped 20 balls 20 BOW, 35 BOW flush & ball off on 7 perfs, surge balls back, pumped 10 BOW for rate 2500 PSIG @ 6.5 BPM, ISIP 1100 PSIG. Pick up BP & reset @ 5,398. Pressure test BP to 3000 PSIG - OK 5 minutes. Set Pkr 5,338', break down @ 2700 PSIG, pump 20 BOW w/20 balls. 1800 PSIG @ 4.5 BPM. Ball off, surge balls back, pump for rate 2800 psi @ 6.5 BPM. Ball off, surge balls back. Pump for rate 2550 PSIG @ 6.7 BPM. ISIP 1000, load used 126 BOW. Bleed well back. Unseat Pkr. Retrieve BP, reset BP @ 5,454'. Set Pkr @ 5,338'. Flow back 60 BOW total. RU swab. Make 6 swab runs, Swabbed 36 BOW. Pick up BP & TOOH w/tbg, Pkr, & BP. SWIFN.
DC: $6,479

8-11-93 Casing 30 PSIG. Waiting on frac until 8/12/93.

8-12-93 Present Operation: SI, prepare to frac.

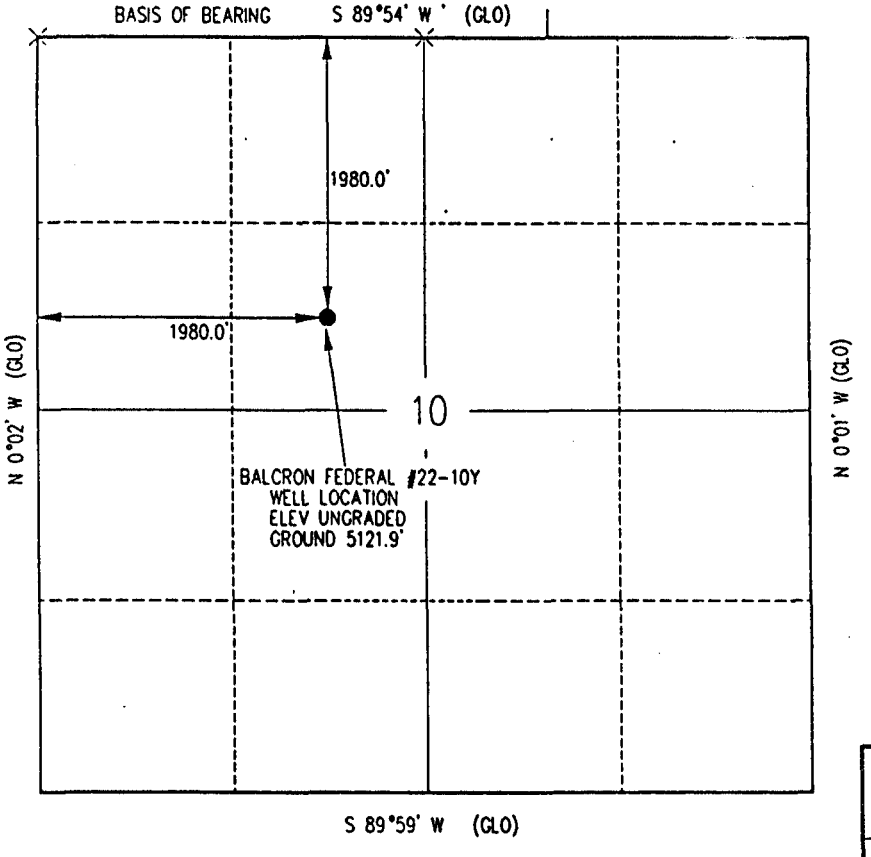
GEOLOGICAL WELLSITE REPORT

Balcron Oil Company
Federal 22-10Y
SE¼NW¼ Sec. 10-T9S-R17E
Duchesne County, Utah
43-013-31395

Durwood Johnson
Petroleum Geologist
3118 Avenue F
Billings, MT 59102
(406) 656-4872

TABLE OF CONTENTS

T9S, R17E, S.L.B. & M.



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

EQUITABLE RESOURCES ENERGY

WELL LOCATION, BALCRON FEDERAL #22-10Y
LOCATED AS SHOWN IN THE SE 1/4 NW 1/4
OF SECTION 10, T9S, R17E, S.L.B. & M.
DUCHESNE COUNTY UTAH.

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3154

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3154
STATE OF UTAH

STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/27/93	WEATHER: CLEAR & WARM
NOTES:	FILE # #22-10Y

EXHIBIT B

DATA SHEET

OPERATOR:	Balcron Oil Company
WELL NAME:	Federal No. 22-10Y Lease U-65210
LOCATION:	SE¼NW¼ (1980' fnl-1980' fwl) Section 10, Township 9 South, Range 17 East Duchesne County, Utah
AREA:	Monument Butte Field
ELEVATIONS:	Ground 5121' graded 5131' KB
SPUDDED:	July 25, 1993 @ 2:30 AM
DRILLED OUT:	July 26, 1993 @ 10:00 AM
REACHED T.D.:	July 31-1993 @ 11:30 PM
COMPLETED:	August 2, 1993 @ 12:00 Noon. Rig released @ 4:00 PM
STATUS:	Oil Well
HOLE SIZE:	12¼" Surface-265' 7 7/8" 265-5824'
TOTAL DEPTH:	5824' Driller Logger 5821' - 3' fill
DRILLING FLUID:	Air & Foam Surface - 5824' Kcl Water @ TD for logging
SURFACE CSG.:	Ran 6 jts (246.10') 8 5/8", 24 lb new casing to 254.85' KB. Cemented w/150 sxs premium, 2% $CaCl_2$, ¼ lb/sx celo-flake. Plug down July 25, 1993 @ 1:00 PM.
PRODUCTION CSG.:	Ran 132 jts (5808.80') 5½", 15.5 lb, J-55 casing, guide shoe, float collar and landing nipple. Set @ 5820' KB. Cemented w/154 sxs thrifty lite, followed by 258 sxs 50:50 poz. and additives. Plug down August 2, 1993 @ 12:00 Noon.
DSTs:	None. CORES: None.
LOGGING:	Schlumberger Engineer: Presmyk Casper, WY 1) DLL w/SFL BSC-TD 2) LTD/CNL w/GR & Cal 3600-TD
MUD LOGGING:	Continental Labs. Olson & Vodall Billings, MT
CONTRACTOR:	Union Drilling Co. Rig 14 Dave Gary, Toolpusher
SUPERVISION:	Al Plunkett Gillette, WY
GEOLOGIST:	Durwood Johnson Billings, MT

FORMATION TOPS

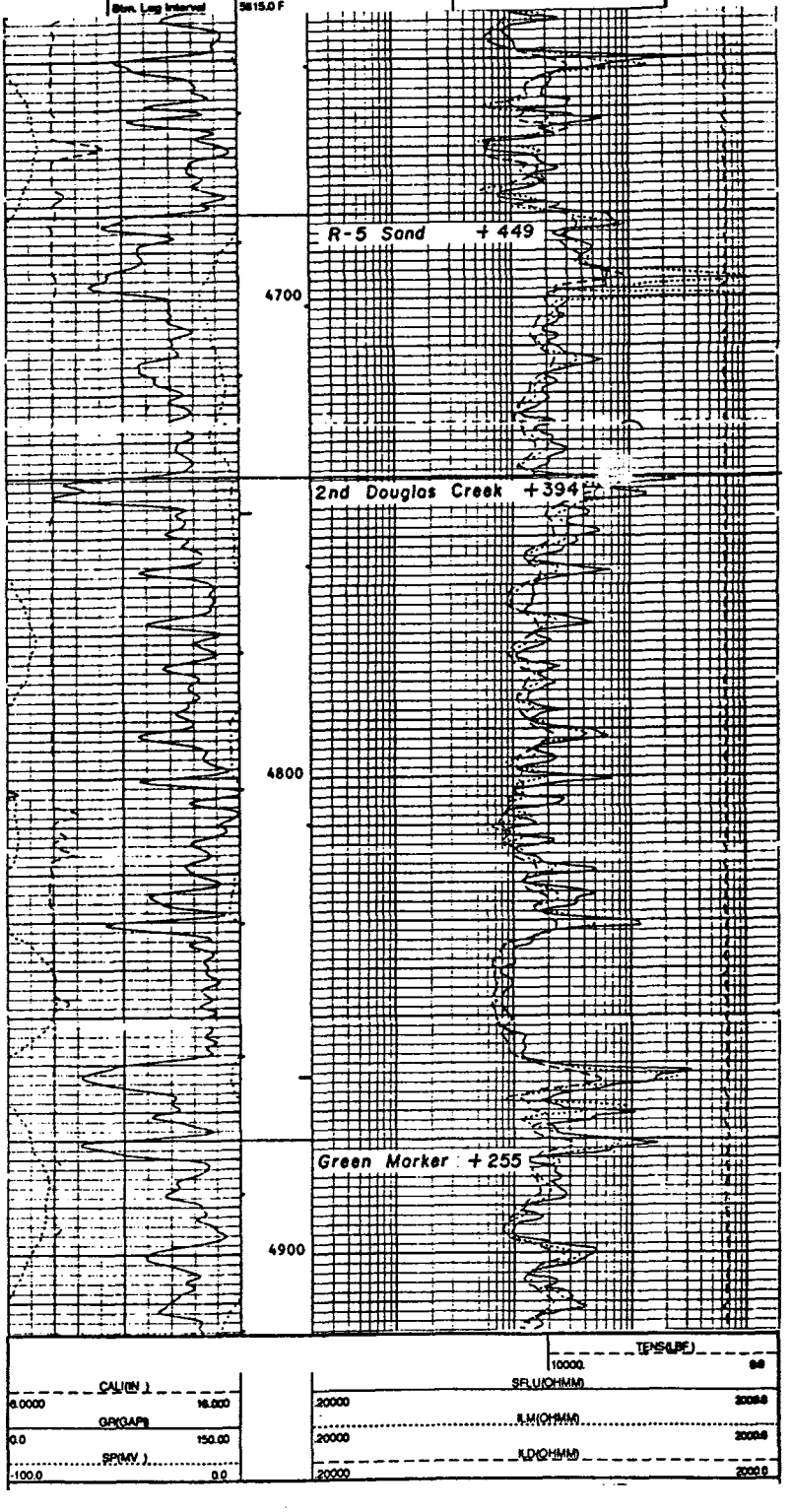
	Depth	Datum	Reference Well *
TERTIARY			
Green River	1346	+3785	
2nd Garden Gulch	3726	+1405	45' Low
Yellow Marker	4337	+ 794	45' Low
Douglas Creek	4502	+ 629	52' Low
R-5 Sand	4682	+ 449	
2nd Douglas Creek	4737	+ 394	47' Low
Green Marker	4876	+ 355	
G-5 Sand	5012	+ 119	
Carbonate Marker	5325	- 194	42' Low
B-1 Sand	5356	- 225	35' Low
B-2 Sand	5407	- 276	
Uteland Carbonate	5740	- 609	51' Low
TOTAL DEPTH:			
Schlumberger	5821'		
Driller	5825'		

* Reference Well:
Unocal-Castle Draw 2-10
NW¼SE¼ Sec. 10-T9S-R17E

Schlumberger

DUAL INDUCTION - SFL

COMPANY	BALCRON OIL COMPANY
WELL	BALCRON FEDERAL 22-10Y
FIELD	MONUMENT BUTTE
COUNTY	DUCHESNE STATE UTAH
LOCATION	SE¼W 1980' FNL 1980' FWL
Other Services	LDT/CNL
API SERIAL NO.	SECT. 10 TWP. 9S RANGE 17E
Permanent Datum	GROUND LEVEL Elev. 5121.0 F
Log Measured From	KB 10.0 F above Perm. Datum
Drilling Measured From	KB
Elev.: K.B.	5131.0 F
D.F.	
G.L.	5121.0 F
Date	01-AUG-1993
Run No.	1
Depth Driller	5824.0 F
Depth Logger (Schl.)	5821.0 F
Btm. Log Interval	5815.0 F



Schlumberger

DUAL INDUCTIO SFL

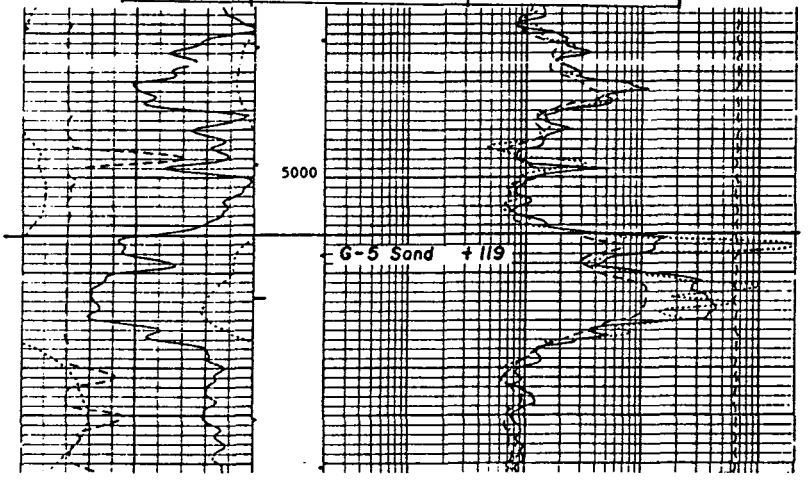
COMPANY	BALCRON OIL COMPANY
WELL	BALCRON FEDERAL 22-10Y
FIELD	MONUMENT BUTTE
COUNTY	DUCHESNE STATE UTAH
LOCATION	SE/NW 1980' FNL 1980' FWL
Other Services:	LDT/CNL

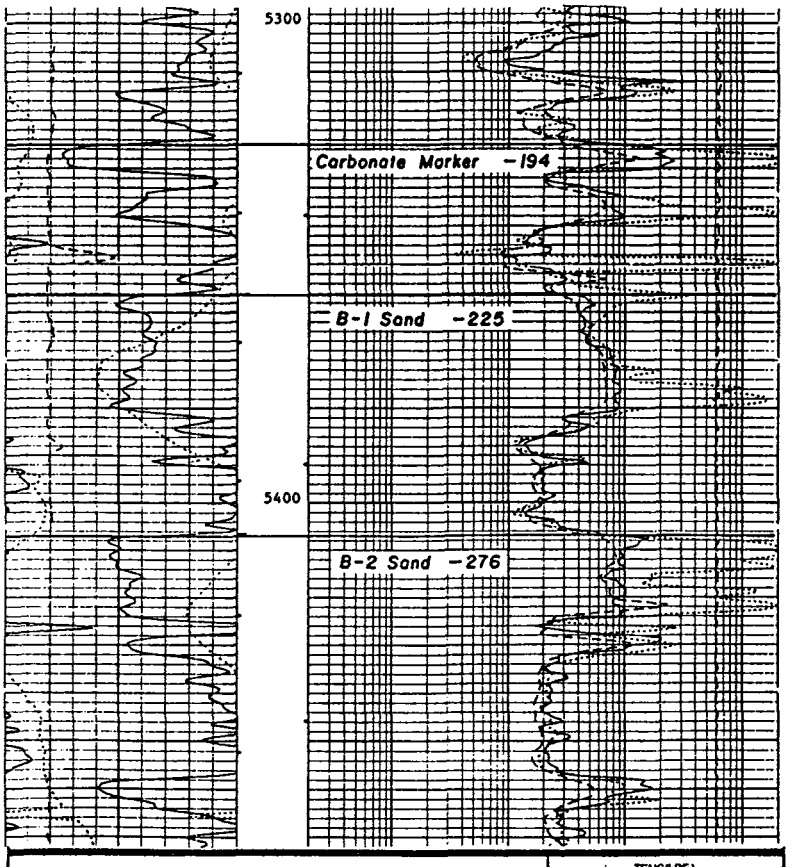
API SERIAL NO.	SECT.	TWP.	RANGE
	10	9S	17E

Permanent Datum	GROUND LEVEL	Elev.	5121.0 F
Log Measured From	KB	10.0 F	above Perm. Datum
Drilling Measured From	KB		

Elev.: K.B.5131.0 F
D.F.
G.L.5121.0 F

Date	01-AUG-1993	
Run No.	1	
Depth Driller	5824.0 F	
Depth Logger (Sch.)	5821.0 F	
Btm. Log Interval	5815.0 F	





CALI(IN)		TENS(LBF)	
6.0000	16.000	10000.	0.0
GR(GAPI)		SFLU(OHMM)	
0.0	150.00	.20000	2000.0
SP(MV)		ILM(OHMM)	
-100.0	0.0	.20000	2000.0
		ILD(OHMM)	
		.20000	2000.0

SHOW REPORT

FM	DEPTH	DRILL RATE mpf			TOTAL GAS units			CHROMATOGRAPH ppm				Remarks
		before	during	after	before	peak	after	c1	c2	c3	c4	
	2595-2615	.8	.5	.75	4	1600	600	185				Dol micrxln, Tr bro oil dull gold flor. good yel cut
	3695-3700	.8	.6	1.0	50	1200	600	36,800	1160	800	Trace	No visual show
	4004-20	1.0	.6	1.0	240	280	240	31,000				ss vfg lt tan stn, dull grnish-yel flor strong whitish yel cut.
	4230-44	1.0	1.0	1.0	120	560	170	34,000				Gas show No visual cut Tar on pit
	4686-4700	1.0	.5	1.5	280	550	375	37,000	1900	1000	–	ss vf-fg, tan-brn stn. bri yel-grn flor, good lt yel cut. INC. OIL-Tar on pits
	4998-5006	1.0	.5	.9	360	460						No visual show
	5076-5094	1.0	.5	1.0	340	360	360	30,200	1900	Trace	Trace	ss fg, lt brn stn bri yel-gold flor good lt yel cut.
	5356-80	.7	.8	.8	240	60		9000	1400	100	Trace	ss vf-fg, lt brn stn, bri yel-grn-flor. strong lt yel cut

DAILY MUD DATA

WELL# Federal No. 22-10Y MUD CO. Mustang Drilling Fluids ENGINEER Craig Hart

DATE	DEPTH	WT.	VIS	PLAS VIS	YIELD	GEL	PH	WL	FIL CK	KD-700	CAL	SAND %	SOLIDS %	CHLORIDE	H2O	Kcl	DREYAGE	DAILY COST	CUM COST
7-25-93	203	8.3+	27				10.3	N/C		99	60			9500	100%	1.98%		-0-	-0-
7-26-93	254	8.4	27				9.0	N/C		66	60			10,100	100%	2.1%		-0-	-0-
7-27-93	1412	8.3	27				8.0	N/C		-0-	280			7,000	100%	1.46%		254	254
7-28-93	2746	8.4	27				10.4	N/C		429	80			14,400	100%	3.0%		734	988
7-29-93	3797	8.5	27				10.4	N/C		132	60			22,400	100%	4.66		409	1397
7-30-93	4438	8.5	27				10.0	N/C		66	40			23,000	100%			57	1454
7-31-93	5348	8.6	27				10.0	N/C		132	60			25,000	100%	4.92		171	1625
8-1-93	5824	8.6	27				10.8	N/C		165	60			29,200	100%	6.08		1903	3528

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BIT RECORD

COUNTY	FIELD	STATE	SECTION	TOWNSHIP	RANGE	LOCATION	WELL NO
Duchesne	Monument Butte	Utah	10	9S	17E	SE NW (1980 fnl- 1980' fwl)	Federal 22-10Y

CONTRACTOR	RIG NO.	OPERATOR	TOOLPUSHER	SALESMAN
Union Drilling Co.	17	Balcron Oil Company	Dave Gray	Gawlinski, Chapman Satterfield, White

SPUD	UNDER SURF.	UNDER INTER.	SET SAND ST.	REACHED T.D.	PUMP NO. 1 / LINER	PUMP NO. 2 / LINER	PUMP POWER	TYPE MUD
2:30 AM 7-25-93	10:00 AM 7-26-93			11:30 PM 7-31-93	GD FXN 5½" x 14"		Twin 671 GMCs	Air & Mist KCl WTR

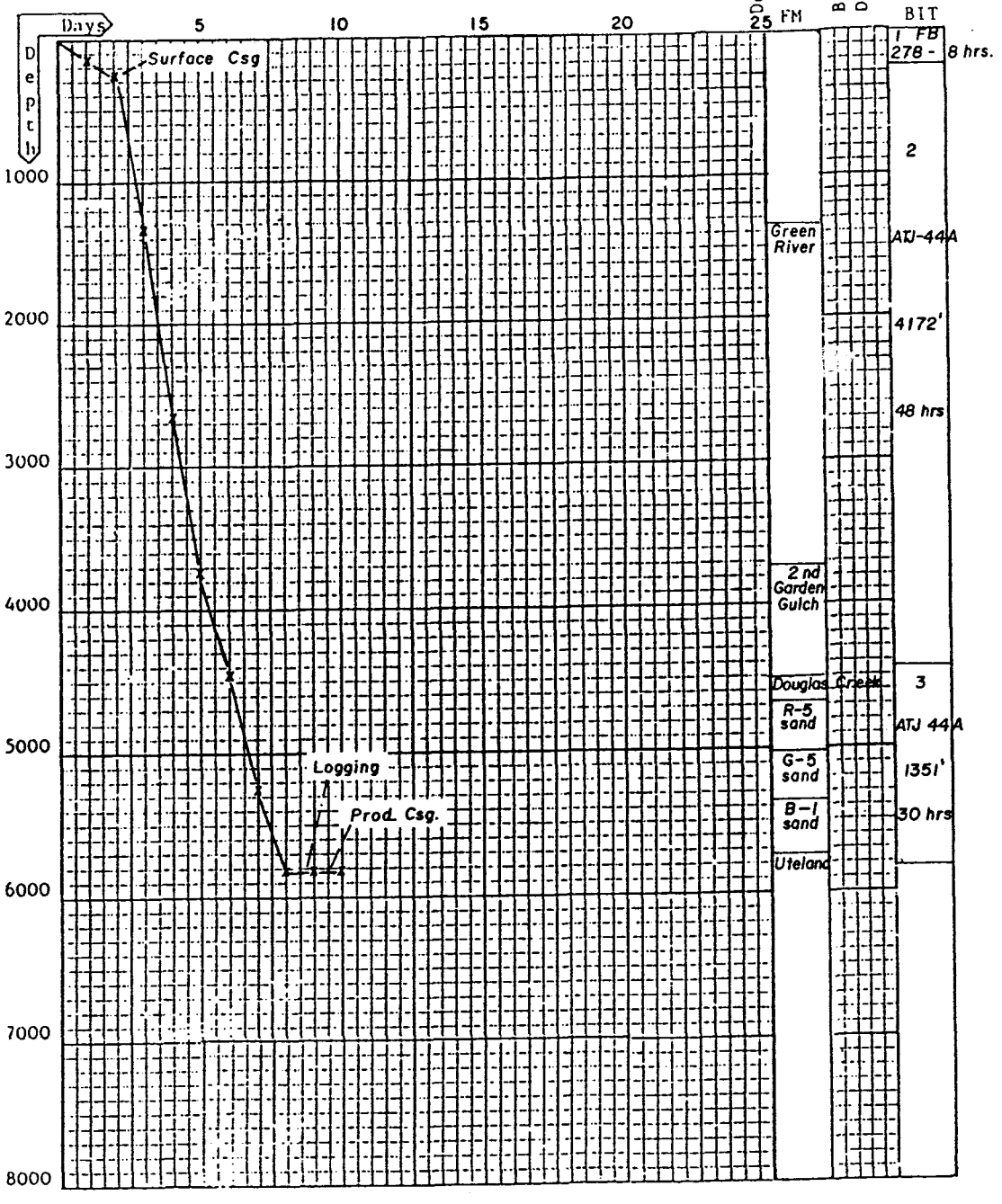
DRILL PIPE		SIZE	TYPE	O.D.		NUMBER	O.D.	I.D.	LENGTH	DRAWWORKS POWER
4½"	H-90	TOOL JOINTS	16.60	4½"	DRILL COLLARS	18	6⅜"	2½"	557'	343 CAT

NO.	SIZE	MAKE	TYPE	JET 32ND IN	SERIAL	DEPTH OUT	FEET	HOURS	FT/HR	ACCUM DRLG. HRS.	WT. 1000 LBS.	R P M	VERT DEV.	PUMP PRESS	PUMP OPERATION	SPM 1	SPM 2	MUD WT.	MUD VIS.	MUD W.L.	DULL. COND. T	DULL. COND. B	DULL. COND. G	DULL. COND. OTHER	FORMATION REMARKS
1	17"	IR	FB	OPEN	B112P	28	28	3½	8.0	3½	Acc	20													
2	12¼"	IR	FB	OPEN	900939	265	237	6	39.5	9½	5/15	20/40													
3	7⅞	HTC	ATJ-44A	OPEN	A21WK	4438	4173	71¾	58.2	81½	35/45	50/60		250							8	5	1/16"		
4	7⅞"	HTC	ATJ-44A	OPEN	A04WK	5824	1351	30¼	44.7	111½	45	30/60		250							6	4	1/8"		

PENETRATION CHART

Balcron Oil Co. Federal No. 22-10Y
SE¼NW¼ Sec. 10, T9S-R17E
Duchesne County, Utah

Total Days 10 Logs 2
Total Bits 3 Rotating hours 111 1/2



WELL HISTORY

Day	Date 1993	Depth	Operation	Previous 24 Hrs. Activity 6:00AM-6:00AM
1	7-25	142	Drilling	Complete rigging up. Drill rat hole. Spud 17" hole. Drill 28' in 3½ hrs. Set conductor pipe & nipple up rotating head. Pick up collar & prepare to drill. Spud 12¼" hole @ 2:30 AM, 7-25-93. Drill from 28 to 142'. Made 114' in 3½ hrs.
2	7-26	265	Testing BOPs	Drill from 148 to 265'. Made 123' in 3 hrs. Trip out. Run 6 jts 8 5/8" csg to 265'. Cement w/150 sxs. Plug down @ 1:00 PM, 7-25-93. WOC. Weld on head & test. Nipple up. Test BOPs.
3	7-27	1319	Drilling	Pressure test csg. Trip in Bit 3. Drill cement 2½ hrs. Drill out @ 10:00 AM, 7-26-93. Drill & survey from 265 to 1319'. Made 1054' in 17½ hrs.
4	7-28	2657	Drilling	Drill & survey from 1319 to 2657'. Made 1344' in 21 hrs.
5	7-29	3716	Drilling	Drill & survey from 2657 to 3716'. Made 1059' in 20½ hrs.
6	7-30	4438	Tripping	Drill & survey from 3716 to 4438'. Trip for Bit 4. Trip in hole. Made 722' in 15 hrs.
7	7-31	5255	Drilling	Trip in bit & blow hole dry. Drill from 4438 to 5255'. Made 817' in 16 hrs.
8	8-1	5824	Circulating	Drill & survey from 5255 to 5824'. Made 569' in 14¼ hrs. Clean hole with air & foam. Circulate hole with Kcl water. Trip 15 stands. Circulate.
9	8-2	5824	Run Csg.	Trip in 5824'. Circulate. Trip out for logging. SLM - no correction. WOL Rig up loggers. Logging. Rig down. Trip in. Circulate. Trip out laying down. Run casing.
10	8-3	5824		Complete running casing. Cement w/412 sxs. Plug down @ 12:00 Noon, 8-2-93. Rig released @ 4:00 PM, 8-2-93.

Balcron Federal 22-10Y
SE¼NW¼ Sec. 10-T9S-R17E
Duchesne County, Utah

SAMPLE DESCRIPTION

Geologist on wellsite @ 1200'. Samples lagged and caught by Continental Lab. personnel. Sample quality is fair to good unless otherwise noted. Descriptions are adjusted to Dual Induction depths with shows underlined. Samples caught at the following intervals:

50' 1300-3700'
30' 3700-5800'

1300-1350 Siltstone, light gray; occasionally grades to Sandstone, very fine grained, well sorted, slightly calcareous, appears tight. No shows. Streaks Shale, pale gray, cream, chunky.

GREEN RIVER 1346 (=3785)

1350-1450 Marl, brown, blocky, chunky; grades to dolomitic Shale, scattered dull yellow-gold fluorescence, slow faint cloudy cut; streaks Shale, dark gray-tan, chunky, silty, calcareous in part. Streaks Dolomite, earthy, tan, limey.

1450-1500 Marl, bright tan, light brown, chunky, blocky; grades to shaley Dolomite; Shale, as above.

1500-1600 Marl, bright tan, earthy, occasionally pyritic; grades to shaley Dolomite, fluorescence and cut, as above; @ 1550 influx Limestone, cryptocrystalline, bright tan, earthy, very argillaceous, dull yellow fluorescence, slow faint light yellow cut. Shale, gray-tan, chunky, moderately calcareous, pyritic.

1600-1700 Marl, cryptocrystalline, bright reddish-brown, dense, very argillaceous; grades to shaley Dolomite, bright gold fluorescence with scattered light yellow fluorescence, slow fair streaming whitish yellow cut; streaks Shale, gray-tan with greenish cast, chunky, dolomitic.

1700-1800 Marl, bright tan, reddish tan, occasionally pyritic; grades to shaley cryptocrystalline Dolomite, tight, abundant bright gold fluorescence with a slow faint cloudy cut - 2%, bright light yellow fluorescence, fair light yellow streaming cut; Shale, as above.

1800-1950 Marl, bright reddish tan, blocky, chunky; grades to dolomitic Shale, blocky, well indurated; streaks

Shale, light gray-tan, blocky, very dolomitic, occasionally pyritic; @ 1850 Marl, as above; grades to shaley Dolomite, bright gold fluorescence, trace faint light yellow cut; @ 1900 influx Shale, grayish-tan, greenish cast, chunky, pyritic in part, moderately calcareous and dolomitic.

1950-2050 Shale, medium gray-brown, chunky, calcareous, occasionally pyritic; grades to a Marl, dull gold fluorescence, occasional slow light yellow cut.

2050-2100 Shale, light grayish tan, light reddish brown, blocky, chunky, moderately calcareous;grades to a Marl, dull gold fluorescence, occasional fair light yellow cut.

2100-2150 Shale, light gray-green, green, chunky, sub-waxy, silty, slightly dolomitic; Shale and Marl, as above.

2150-2200 Siltstone, light grayish white, light tan; occasionally grades to Sandstone, very fine grained, well sorted, argillaceous in part, moderately calcareous, no show; trace Dolomite, cryptocrystalline, cream, light tan, dense, trace dull yellow fluorescence, slow faint light yellow cut.

2200-2250 Siltstone, light grayish tan, light brown, very argillaceous, calcareous; grades to silty Dolomite, dull gold fluorescence, occasional slow weak light yellow cut.

2250-2300 Siltstone, as above; streaks Shale, tan, gray-tan, very silty, moderately calcareous-limey, fluorescence and cut, as above.

2300-2350 Marl, medium gray-brown, dull brown, chunky; grades to a calcareous Shale; influx Shale, black, chunky, petroliferous in part. No fluorescence, no cut.

2350-2400 Shale, light brown, gray-brown, chunky, sub-platy, clcareous; grades to Marl, no fluorescence, fair light yellow cut.

2400-2450 Shale, grayish tan, chunky, occasionally silty, calcareous; Shale, as above.

2450-2550 Shale, tan, grayish-tan, light reddish brown, chunky, silty, slightly to moderately calcareous; trace black Shale, sub-platy, non-calcareous; @ 2500 trace amber chert.

2550-2600 Marl, bright tan, reddish brown, chunky; streaks Shale, pale gray-tan with greenish cast, dolomitic; streaks Dolomite, microcrystalline, appears dense, trace vug porosity, spotty brown oil stain, light

yellow-yellow fluorescence with greenish cast, rapid bright whitish yellow cut.

2600-2650 Shale, black, dark gray, chunky, primarily non-calcareous; Marl, as above.

2650-2700 Shale, gray-green, chunky, sub-platy, silty; streaks Shale, medium brown, reddish brown, dolomitic; grades to Marl, scattered dull yellow fluorescence, slow light yellow cut.

2700-2750 Siltstone; occasionally grades to very fine grained Sandstone, light gray, gray-tan, very argillaceous, fair sorting, moderately calcareous, no show; streaks Shale, as above; trace Limestone, cryptocrystalline, cream, light tan, argillaceous, tight, scattered dull gold fluorescence, slow light yellow cut.

2750-2800 Sandstone, very fine-fine grained, primarily white, light gray and clear quartz grains, fair sorting, sub-rounded, possible poor porosity, no show; streaks Shale, gray-dark green, chunky, very silty; grades to shaley Siltstone.

2800-2850 Sandstone, as above, sub-angular to sub-rounded, moderately calcareous, contact silica cement, possible poor porosity, no show; occasional streaks Shale, gray-green, chunky, silty.

2850-2900 Shale, medium gray, light gray-tan, pale tan, platy, chunky, dolomitic; grades to a Marl.

2900-2950 Limestone, earthy, cryptocrystalline, cream, pale tan, dense, abundant gold fluorescence, some scattered light yellow fluorescence, slow light yellow cut.

2950-3000 Limestone, microcrystalline, white, cream, earthy, silty in part; streaks Siltstone-very fine grained Sandstone, white, light gray, argillaceous, calcareous, appears tight; steaks Shale, pale gray-green, sub-platy, slightly calcareous.

3000-3050 Siltstone-very fine grained Sandstone, light gray, well sorted, argillaceous-shaley, moderately calcareous-limey, tight, no show; streaks Shale, tan, light gray, platy, slightly calcareous.

3050-3100 Siltstone, pale gray, greenish gray, slightly dolomitic, tight; grades to a silty Shale; streaks Limestone, microcrystalline, tan, earthy, argillaceous; streaks Dolomite, cryptocrystalline, light brown, limy, argillaceous-shaley, trace dull yellow fluorescence, slow light yellow cut.

3100-3150 Dolomite, cryptocrystalline, bright tan, pale orange, argillaceous; streaks Shale, dark brown, blocky, dolomitic; grades to a Marl, yellow to dull yellow fluorescence, abundant gold fluorescence, fair light yellow cut; streaks Shale, gray-green, gray-tan, chunky, dolomitic.

3150-3200 Dolomite, as above; streaks Shale, pale gray, very silty, moderately calcareous; grades to a calcareous Siltstone, tight, decreased fluorescence and cut, as above.

3200-3250 Limestone, crypto-microcrystalline, crystalline, tan, cream, earthy in part, no visible porosity, scattered dull gold fluorescence, trace yellow fluorescence, slow to fair light yellow cut.

3250-3300 Limestone, as above, tan, light brown, dolomitic in part, argillaceous streaks, scattered dull gold fluorescence-fair light yellow cut; streaks Shale, pale gray, platy, calcareous, silty in part; grades to shaley Siltstone.

3300-3350 Limestone, crypto-microcrystalline, bright tan, dolomitic, argillaceous, dense; abundant gold fluorescence-fair light yellow cut; influx Shale, pale green, light gray-green, light gray, chunky, waxy in part, slightly calcareous.

3350-3400 Shale, as above, becomes very silty and siliceous in part; Siltstone, light gray, greenish cast, well sorted, very argillaceous, calcareous in part, siliceous in part, tight, no show.

3400-3450 Shale, dark gray, gray-brown, platy, chunky; streaks Sandstone, very fine-fine grained, well sorted, sub-angular to sub-rounded, dolomitic, primarily loose quartz grains and small clusters, possible fair porosity, no show.

3450-3500 Siltstone-very fine grained Sandstone, light gray, gray-brown, fair sorting, sub-angular to sub-rounded, appears tight, no show; interbedded Shale, light greenish gray, medium gray, gray-brown, chunky, very slightly calcareous.

3500-3550 Shale, medium-dark gray, light gray-green, platy, non-calcareous to slightly dolomitic, waxy in part; streaks Limestone, crypto-microcrystalline, tan, earthy, argillaceous, dolomitic; occasional streaks Siltstone-very fine grained Sandstone, light gray, greenish gray, fair sorting, argillaceous, siliceous in part, tight, no show.

3550-3650 Limestone, micro-cyptocrystalline, tan, light brown, argillaceous, dolomitic streaks, trace spotty brown stain, abundant dull gold fluorescence, trace light yellow fluorescence, slow fair light yellow cut; Shale, gray-green, medium gray, sub-platy, calcareous.

3650-3700 Siltstone, light gray-green, slightly calcareous, very argillaceous, siliceous, tight; grades to Sandstone, very fine-fine grained, light gray, white, fair sorting, sub-rounded, moderately calcareous, limey streaks, possible poor porosity, no show; Shale, light green, gray-green, platy, sub-waxy, non-calcareous.

3700-3730 Siltstone, light green, gray-green, argillaceous, dolomitic; grades to silty Shale; streaks Sandstone, very fine grained, light gray, white, well sorted, sub-rounded (primarily loose quartz grains), no show.

2ND GARDEN GULCH 3726 (+1405)

3730-3760 Limestone, microcrystalline, occasionally crystalline, tan, earthy, questionable stain, abundant gold fluorescence, scattered yellow fluorescence, instant bright cloudy streaming light yellow cut; streaks Dolomite, cryptocrystalline, dark brown, brown, argillaceous-shaley; Shale, as above.

3760-3820 Shale, pale green, gray-green, waxy, silty; streaks Siltstone, pale gray, light gray-green, very argillaceous, no show.

3820-3850 Sandstone, very fine grained, tan, well sorted, sub-angular to sub-rounded, primarily loose quart grains and small clusters, appears fairly tight, possible poor porosity, tan stain, dull yellow fluorescence with greenish cast, instant strong whitish yellow cut; occasional streaks Shale, as above.

3850-3880 Limestone, microcrystalline, fragmental, crystalline, tan, scattered pellets, some loose, some in micrite matrix, appears tight, no apparent stain, scattered dull yellow fluorescence, slow light yellow cut; streaks Shale, bright emerald green, pale gray-green, pale gray, waxy, chunky, silty in part, primarily non-calcareous.

3880-3910 Shale, pale gray, slight greenish cast, waxy, silty, some streaks become very silty; streaks Limestone, as above.

3910-3940 Shale, as above, becomes very silty and sandy; Siltstone-very fine grained Sandstone, light grayish white, fair sorting, calcareous, primarily loose quartz grains and small clusters, no show.

3940-3970 Shale, pale gray, light greenish gray, waxy, silty in part; influx Shale, brown, sub-platy, slightly dolomitic; streaks Siltstone-very fine grained Sandstone, light gray, as above, appears tight, no show.

3970-4000 Shale, light green, light gray, gray-tan, gray-brown, chunky, waxy in part, silty streaks, dolomitic in part; influx Limestone, microcrystalline, crystalline, bright tan, earthy, scattered pellets, appears tight, scattered yellow and gold fluorescence, slow fairly strong light yellow cut; streaks Siltstone-very fine grained Sandstone, light gray-white, pale gray-green, argillaceous, calcareous, tight.

4000-4030 Sandstone, very fine-fine grained, tan, primarily loose quartz grains, well sorted, sub-angular to sub-rounded, possible fair porosity, light tan stain, very dull greenish yellow fluorescence, instant flashing bright whitish yellow cut; streaks Shale, as above.

4030-4110 Sandstone, very fine grained, white, light gray, silty, well sorted, sub-angular, calcareous, appears tight, possible poor-fair porosity, no show; Shale, pale green, light gray, waxy, very silty in part, non-calcareous; @ 4090 decrease in Shale, as above.

4110-4130 Limestone, microcrystalline, crystalline, tan, scattered pellets and fragmental debris, slightly dolomitic, no fluorescence to very dull yellow, fair light yellow streaming cut; trace chert, tan, translucent; streaks Shale, pale green, light gray-green, waxy; Siltstone-very fine grained Sandstone, as above, possible poor porosity, no show.

4130-4180 Shale, pale gray, greenish cast, light green, waxy, silty in part, primarily non-calcareous; Shale, brown, tan, chunky, dolomitic, occasionally becomes very dolomitic; streaks Siltstone, light gray, argillaceous, moderately calcareous-limey, tight.

4180-4200 Siltstone, pale gray-green, argillaceous-shaley, grades to silty Shale; Shale, as above; streaks Limestone, microcrystalline, fine crystalline, light brown, dolomitic, argillaceous, appears tight, scattered dull gold and yellow fluorescence, fair light yellow streaming cut.

4200-4230 Siltstone-very fine grained Sandstone, light gray, gray-green, occasionally tan, sub-rounded, well sorted, slightly calcareous, primarily tight, possible poor porosity, few clusters with spotty to even tan to dark brown stain, abundant dull yellow and gold fluorescence, good bright light yellow streaming cut; streaks Shale, as above.

4230-4260 Siltstone-very fine grained Sandstone, as above; stain, fluorescence and cut, as above; influx Shale, dark brown, chunky, dolomitic, few pieces soaked with oil.

4260-4290 Sandstone, very fine-fine grained, clear and light gray loose quartz grains, well sorted, sub-angular to sub-rounded, possible fair porosity, no stain, faint greenish fluorescence, very slow faint light yellow cut.

4290-4340 Shale, pale gray, light gray-green, gray-tan, chunky, waxy in part, silty; interbedded Siltstone, light gray, gray-tan, very argillaceous, slightly calcareous; Sandstone, as above, no show.

YELLOW MARKER 4337 (+794)

4340-4370 Shale, gray-green, light gray, chunky, silty in part; streaks Sandstone, very fine-fine grained, loose quartz grains, as above, possible poor porosity, scattered dull yellow and gold fluorescence, occasional fair light yellow cut, no show. Very poor sample - hole nc cleaning up.

4370-4400 Sandstone, very fine-fine grained, tan, light gray, fair-good sorting, sub-angular to sub-rounded, possible poor porosity, no stain, no fluorescence, occasional slow faint cut; streaks Shale, as above.

4400-4430 Sandstone, as above, light gray, white, tan, good sorting, silty streaks, possible poor porosity, trace questionable tan stain, trace dull yellow fluorescence, occasional slow faint light yellow cut; streaks Shale, as above.

4430-4450 Siltstone, light gray, gray-green, argillaceous, calcareous; grades to Sandstone, very fine grained, light gray, white, well sorted, sub-rounded, slightly calcareous, 2% light brown stain, dull yellow fluorescence with greenish cast, fairly rapid whitish-yellow cuts; interbedded Shale, pale gray-tan, light gray-green, waxy, silty in part.

4450-4500 Shale, pale gray-tan, light gray, pale green, chunky, waxy, slightly calcareous, very silty and sandy in part; streaks Sandstone, as above; trace Limestone, dark brown, earthy, very argillaceous - some tarry oil in samples.

DOUGLAS CREEK 4502 (+629)

4500-4520 Siltstone, gray-tan, light gray, argillaceous-shaley, calcareous in part; streaks Sandstone, very fine

grained, light gray, fair sorting, primarily loose quartz grains, no show; Shale, pale gray, gray-green, sub-platy, waxy, very silty in part.

4520-4550 Shale, pale gray, gray-green, brown, chunky, very silty and sandy; streaks Siltstone, light tan, argillaceous, calcareous, tight, no show.

4550-4590 Sandstone, very fine grained, white, light gray, good sorting, sub-angular to sub-rounded, silty, calcareous, silica cement in part, appears tight; no show; Shale, as above.

4590-4620 Sandstone, very fine grained, light gray, primarily loose quartz grains, well sorted, sub-rounded, silica and calcite cement, primarily tight, no show; Shale, green, gray-tan, gray-green, sub-platy, waxy.

4620-4680 Shale, gray-green, light gray, gray-tan, platy, waxy; streaks Siltstone, light gray, argillaceous, calcareous; @ 4650 streaks Sandstone, very fine grained, light gray, well sorted, primarily loose quartz grains, silica cement, no show.

R-5 SANDSTONE 4682 (+449)

4680-4700 Sandstone, very fine grained, light gray-tan, well sorted, sub-angular, some silica and calcite cement, streaks poor porosity, 2% clusters coated with tan to light brown oil stain, abundant yellow fluorescence with greenish cast, strong instant flashing whitish yellow cut; Shale, as above.

4700-4710 Sandstone, as above, streaks poor-fair porosity, tan, light brown oil stain - 90%, abundant fluorescence, as above, excellent cut, as above; Shale, as above.

4710-4740 Shale, pale gray, pale gray-green, tan, brown, waxy in part, chunky, silty.

2ND DOUGLAS CREEK 4737 (+394)

4740-4770 Shale, as above; streaks Limestone, micro-crypto-crystalline, tan, earthy, argillaceous; occasional streaks Siltstone, light gray, argillaceous, moderately calcareous.

4770-4800 Shale, as above, very silty. Very poor sample.

4800-4840 Shale, pale gray, brown, chunky, waxy, silty, occasionally very silty; streaks Siltstone, light gray, tan, argillaceous, moderately calcareous.

4840-4900 No sample - hole not cleaning up.

4900-4920 Shale, gray-green, brown, chunky, waxy in part, silty; influx Limestone, micro-cryptocrystalline, brown, gray-brown, argillaceous; occasional streaks Shale, black, dark gray, chunky, non-calcareous. Poor sample.

4920-4950 Shale, medium-dark gray, light gray-green, chunky, waxy, slightly calcareous in part; steaks Siltstone, light gray, gray-green, very argillaceous, calcareous.

4950-4980 Shale, medium-dark gray, gray-tan, brown, chunky, sub-platy, occasionally slightly calcareous, silty in part; streaks Siltstone, light-medium gray, argillaceous, calcareous; occasional streaks Shale, black, chunky, non-calcareous.

4980-5010 Siltstone, light gray, tan, argillacous; calcareous; Shale, gray-brown, gray-tan, chunky, very silty in part, occasionally slightly calcareous; trace Shale, lack, chunky.

G-5 SANDSTONE 5012 (+119)

5010-5020 Sandstone, very fine grained, brown, tan, well sorted, sub-angular to sub-rounded, streaks poor to fair porosity, light tan to brown stain, pale yellow-green fluorescence, fair-good instant whitish yellow cut; Shale, pale gray, chunky, waxy, very silty in part.

5020-5040 Sandstone, very fine grained, tan, light brown, well sorted, sub-angular to sub-rounded, silty in part, appears fairly tight, streaks poor-fair porosity, tan-brown even oil stain, light greenish yellow fluor-escehce, instant flashing, strong whitish yellow cut.

5040-5100 Shale, black, chunky, platy, occasionally pyritic; Sandstone, as above, stain, fluorescence and cut, as above.

5100-5170 Shale, black, dark gray, chunky, limey streaks, platy; Shale, pale gray-medium gray, tan, cavings?

5170-5250 Shale, black, dark gray, brown, platy, chunky, occasionally very slightly calcareous; @ 5190 influx Shale, gray, gray-tan, waxy, silty in part. Cavings?

5250-5290 Shale, dark gray-brown, sub-platy; Shale, gray-tan, gray, chunky, waxy, silty. Cavings?

CARBONATE MARKER 5325 (-194)

5290-5350 Shale, black, dark brown, platy, blocky, chunky, slightly pyritic, petroliferous nature, primarily non-calcareous; @ 5310 Shale becomes calcareous-limey in part; trace Limestone, cryptocrystalline, brown, argillaceous, dense.

B-1 SAND 5356 (-225)

5350-5380 Sandstone, very fine grained, tan, light gray, loose quartz grains, well sorted, sub-angular, possible poor porosity - 40%, grains are coated with light brown-brown stain, faint dull greenish fluorescence, instant whitish yellow cut.

5380-5410 Shale, dark gray, gray-brown, platy, chunky; steaks Limestone, microcrystalline, gray-brown, argillaceous.

B-2 SAND 5407 (-276)

5410-5440 Sandstone, very fine-fine grained, light gray, tan, loose quartz grains, sub-angular to sub-rounded, good sorting, possible fair porosity, tan stain, bright greenish yellow fluorescence, instant strong whitish yellow cut.

5440-5470 Shale, dark brown, black, chunky, non-calcareous; Shale, light gray-green, waxy; Siltstone-very fine grained Sandstone, light gray, well sorted, sub-angular to sub-rounded, calcite and silica cement, appears fairly tight, possible poor porosity, few clusters with stain, fluorescence and cut, as above.

5470-5500 Shale, black, dark gray-brown, chunky; streaks Siltstone, light gray, gray-green, argillaceous, calcareous; Shale, gray-green, waxy, chunky.

5500-5540 Shale, brown, chunky, blocky; Shale, pale gray, cream, waxy; streaks Siltstone, light gray, cream, argillaceous, calcareous; occasionally grades to Sandstone, very fine-fine grained, light gray, white, fair sorting, sub-angular, primarily loose quartz grains, no stain, no fluorescence.

5540-5560 Sandstone, very fine-fine grained, light gray, white, tan, sub-angular, well sorted, silty in part, primarily loose quartz grains, possible fair porosity, occasional stain, bright whitish-yellow fluorescence with greenish cast, instant flashing whitish yellow cut.

5560-5590 Shale, dark gray-brown, black, platy, chunky, slightly to moderately calcareous; Sandstone, very fine

grained, as above, light yellow-yellow fluorescence with greenish cast, good cut, as above.

5590-5650 Shale, as above; Limestone, crypto-microcrystalline, dark gray-brown, brown, argillaceous; 75% sample is Sandstone, as above, no stain, no fluorescence. Poor sample.

5650-5680 Shale, tan, light gray, chunky, slightly calcareous; trace Limestone, as above, loose silt and very fine quartz grains common. Poor sample.

5680-5710 Siltstone, light gray, argillaceous, moderately calcareous; Shale, as above; trace Shale, dark brown, calcareous; trace Limestone, gray-brown, argillaceous, tarry oil in sample after repeated washings. Poor sample.

5710-5740 Shale, light gray, tan, cream, platy, slightly calcareous; increased Shale, dark gray, brown, black, chunky, platy; loose Siltstone and very fine grained Sandstone grains common. Tarry oil in sample, as above. Poor sample.

UTELAND CARBONATE MARKER 5740 (-609)

5740-5770 Limestone, micro-cryptocrystalline, dark gray, brown, argillaceous; Shale, dark gray-brown, black, platy, calcareous, abundant tarry oil in sample, as above.

5770-5800 Shale, dark gray, black, chunky, platy, calcareous in part; streaks Limestone, cryptocrystalline, dark gray-brown, argillaceous, abundant tarry oil in sample, as above.

RECEIVED

AUG 13 1993

DIVISION OF
OIL, GAS & MINING

BALCRON OIL COMPANY

Federal No. 22-10Y

SE Conf: 43-013-31395 Drl
~~SW~~ NW Section 10-T9S-R17E

Duchesne County, Utah

Commenced: 7-24-93 Elev. 5131KB

Completed: 8-2-93 TD 5824

PENETRATION RATE (5 ft. ave.)

1 2 3 4 5

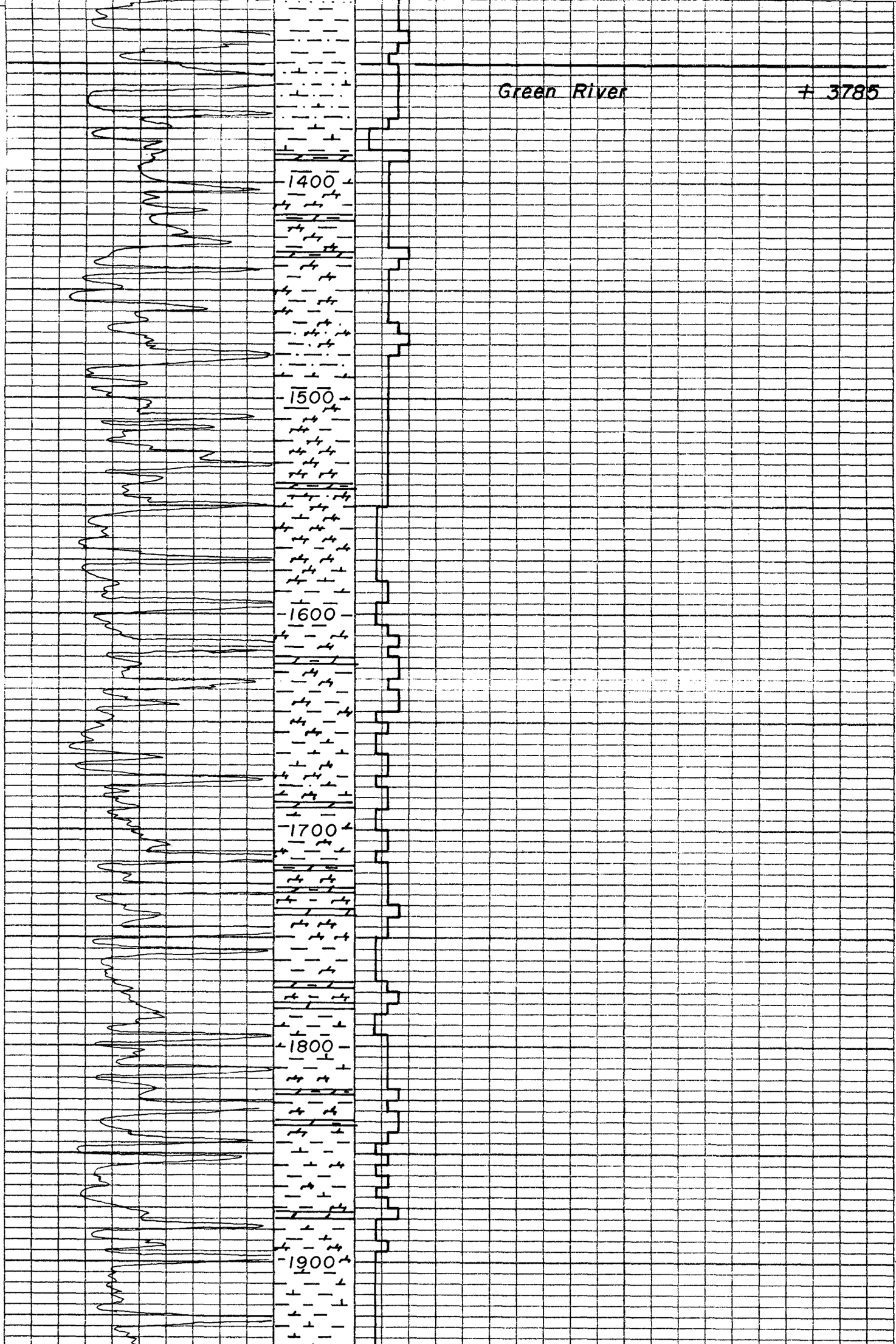
1000

1100

1200

1300

Days From Spud



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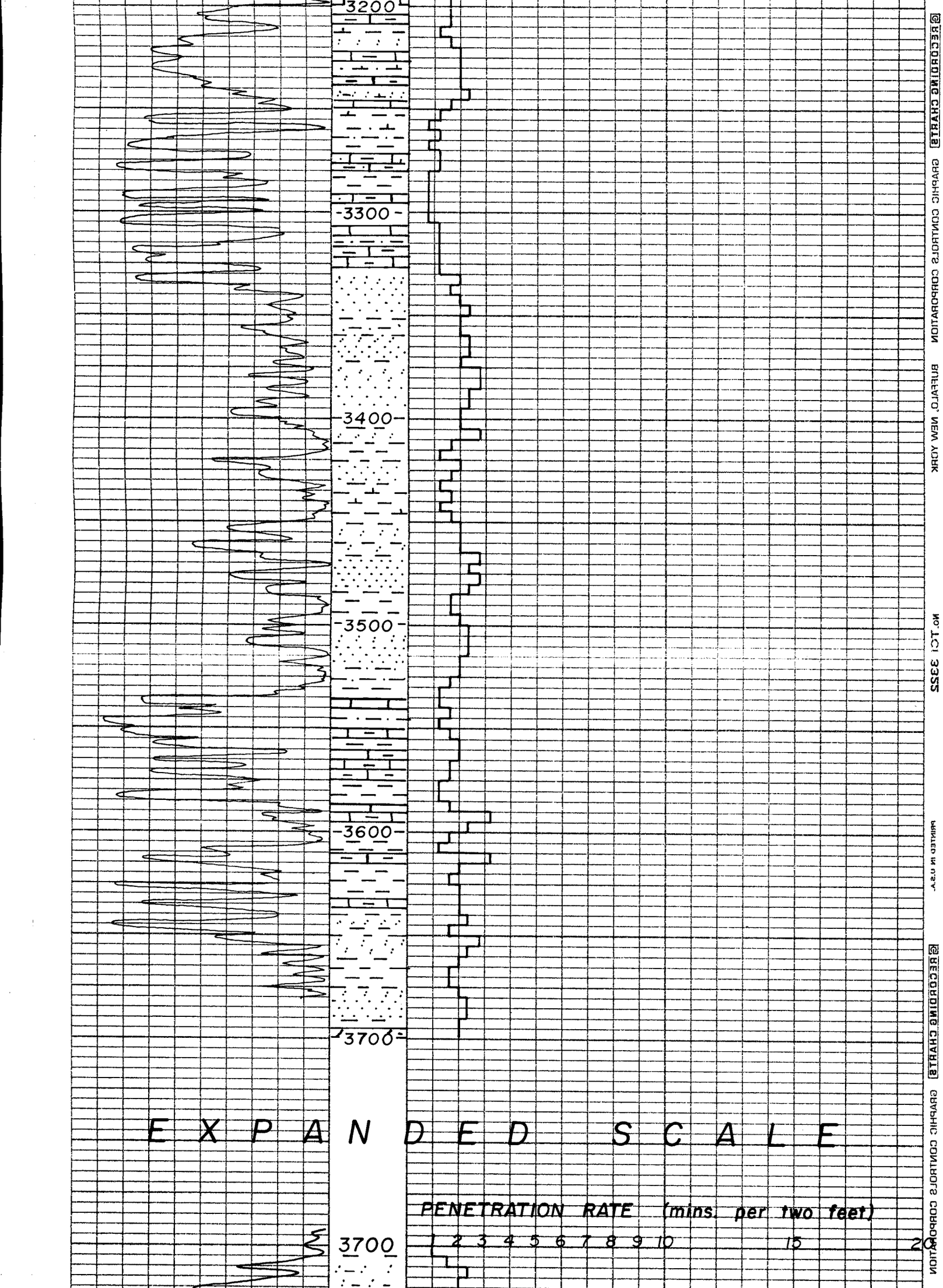


5

2nd Garden Gulch + 1405

50

3800

50

3900

50

4000

50

4100

50

4200

PRINTED IN U.S.A.

RECORDING CHARTS

GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK

No. 1C1 3332

PRINTED IN U.S.A.

RECORDING CHARTS

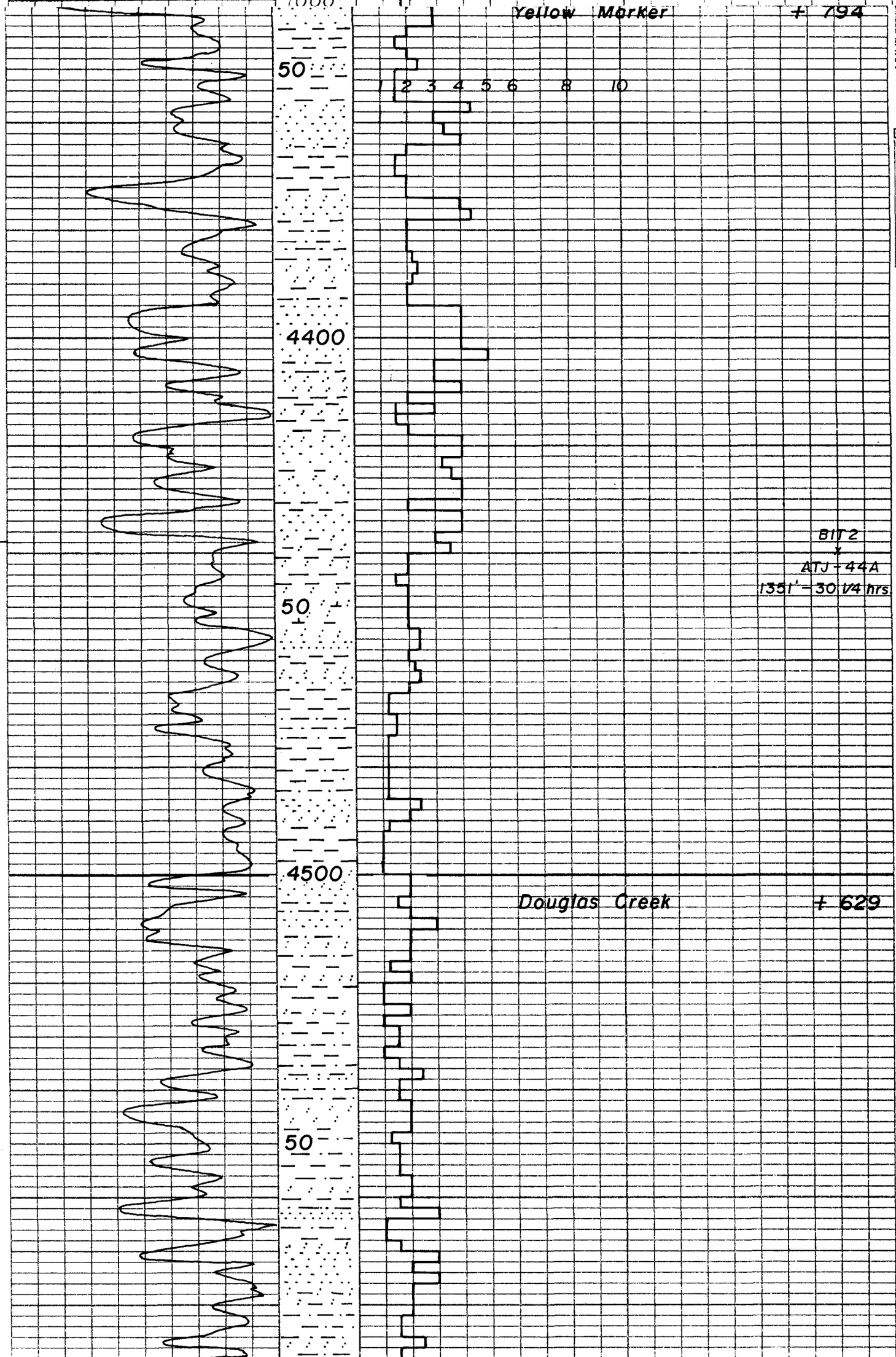
4100

50

4200

50

4300



4500

Douglas Creek + 629

50

4600

50

R-5 Sand + 449

4700

2nd Douglas Creek + 394

50

4800

50

No
Smpls.

Green Marker + 255

4900

50

RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK No. TC1 3352 PRINTED IN U.S.A. RECORDING CHARTS GRAPHIC CONTROLS CORPORATION

5000

50

5100

50

5200

G-5 Sand

+ 119

BUFFALO, NEW YORK

No. TCI 3332

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GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK RECORDING CHARTS

No. TCI 3332

50
1 2 3 4 5 6 8 10
5300
Carbonate Marker — 194
50
B-1 Sand — 225
5400
B-2 Sand — 276
50

5500

Controlled Drilling (reduced WOB,RPM)

50

5600

50

5700

BUFFALO, NEW YORK GRAPHIC CONTROLS CORPORATION

No. TC1 3355

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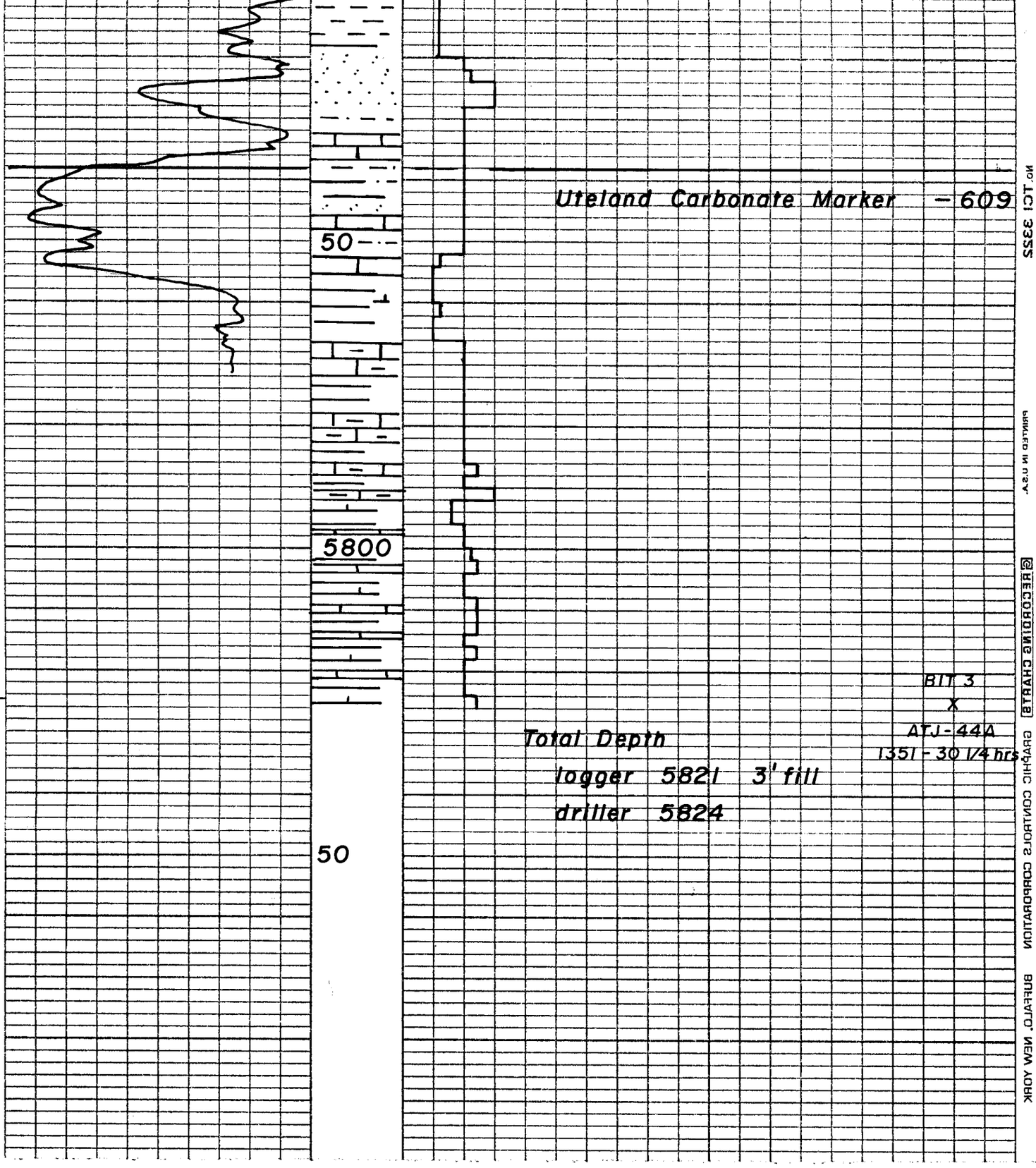
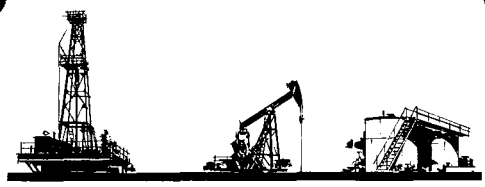
BUFFALO, NEW YORK



Durwood Johnson
Petroleum Geologist

3118 AVENUE F
BILLINGS, MONTANA 59102
(406) 656-4872



August 10, 1993

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

CONFIDENTIAL

Gentlemen:

Two copies each of the geological reports are enclosed for your files:

Balcron Federal #24-3Y
SE¼SW¼ Sec. 3-T9S-R17E
Duchesne County, Utah

Balcron Federal 22-10Y
SE¼NW¼ Sec. 10, T9S-R17E
Duchesne County, Utah

If you have any questions, please contact me.

Sincerely,

Durwood Johnson

DJ/jb
Enclosures

RECEIVED
AUG 13 1993
DIVISION OF
OIL GAS & MINING

orm 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Balcron Federal #22-10Y

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other proposed facility diagram	☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the proposed facility diagram for this well.

RECEIVED
AUG 18 1993
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date August 16, 1993
Bobbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

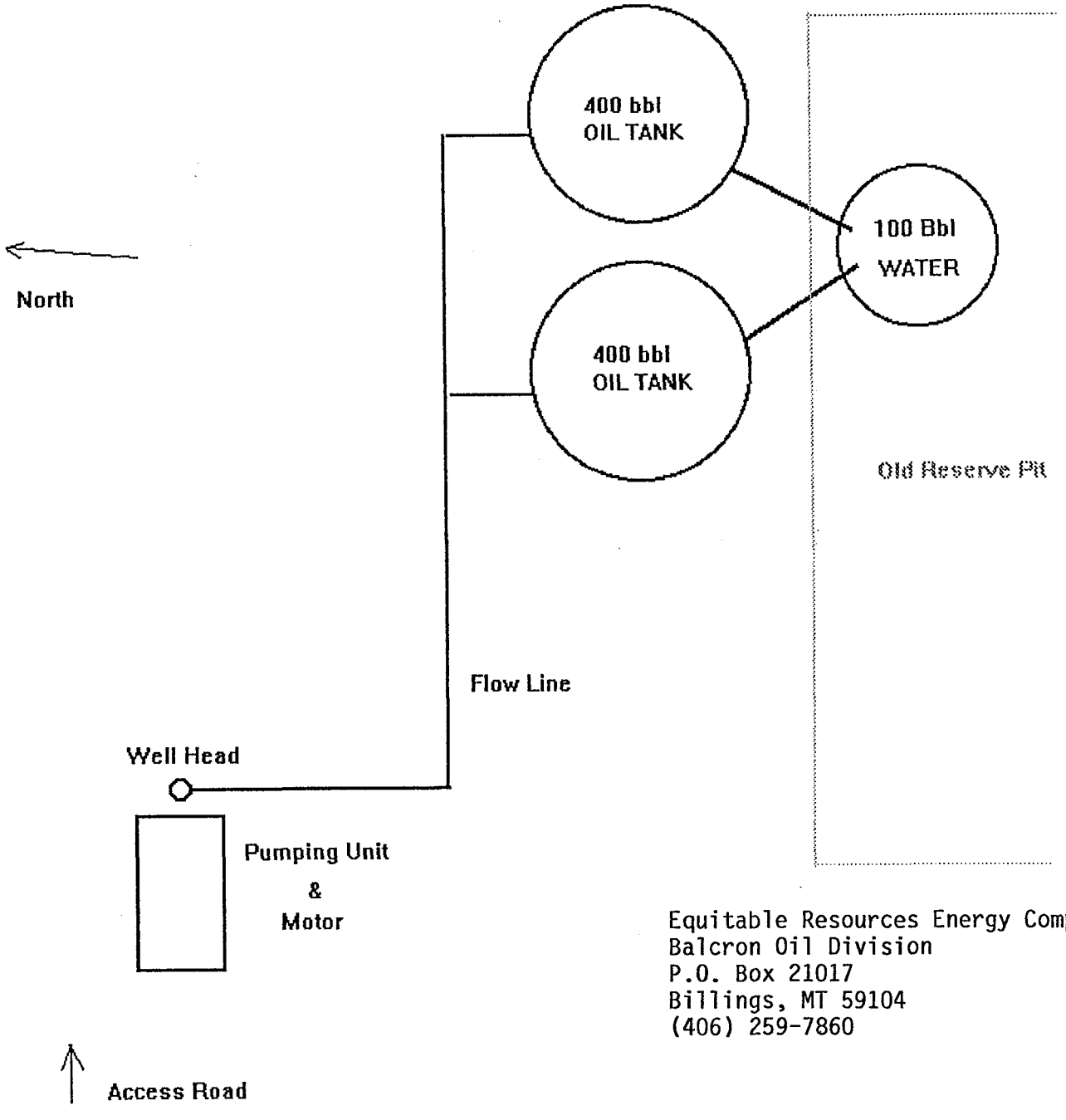
*See Instruction on Reverse Side

Equitable Resources Energy Company

Balcron Federal #22-10Y

Proposed Production Facility Diagram

Balcron Federal #22-10Y
SE NW Section 10, T9S, R17E
Duchesne County, Utah
Federal Lease #U-65210
1980' FNL, 1980' FWL



Equitable Resources Energy Company
Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

Operator: EQUITABLE RESOURCES ENERGY CO Lease: State: ____ Federal: Y
Indian: ____ Fee: ____

Well Name: BALCRON FED #22-10Y API Number: 43-013-31395
Section: 10 Township: 9S Range: 17E County: DUCHESNE Field: MONUMENT BUTTES
Well Status: POW Well Type: Oil: Y Gas: ____

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: ____

Y Well head ____ Boiler(s) ____ Compressor ____ Separator(s)
____ Dehydrator(s) ____ Shed(s) ____ Line Heater(s) ____ Heated Separator
____ VRU ____ Heater Treater(s)

PUMPS:
____ Triplex ____ Chemical ____ Centrifugal

LIFT METHOD:
Y Pumpjack ____ Hydraulic ____ Submersible ____ Flowing

GAS EQUIPMENT:

N Gas Meters ____ Purchase Meter N Sales Meter

TANKS:	NUMBER		SIZE
	Y	Oil Storage Tank(s)	2-400 PRODUCTION BBLS
	____	Water Tank(s)	____ BBLS
	Y	Power Water Tank	1-80 PIT TANK BBLS
	____	Condensate Tank(s)	____ BBLS
	Y	Propane Tank	

REMARKS: 2-400 BARREL PROD TANKS W/BURNERS; PUMP JACK WITH GAS MOTOR; FLOWLINE HEATED BY CIRCULATING GLYCOL THROUGH EXHAUST ON MOTOR.

Location central battery: Qtr/Qtr: ____ Section: ____ Township: ____
Range: ____

Inspector: DENNIS INGRAM Date: 9/3/93

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

8-31-93	-0- STBO & 76 STBW, pumped 20 hrs.
8-31-93	Continue clean up & dikes. DC: $1,127 CC: $47,692
9-1-93	-0- STBO & 86 STBW, pumped 24 hrs. Zero csg gas. Returning load water.
9-2-93	40 STBO & 31 STBW, pumped 24 hrs. 70 psig csg gas.
9-3-93	26 STBO & -0- STBW. 70 PSIG csg. Well went down overnight. No explanation why well went down.
9-4-93	80 STBO & 8 STBW.
9-5-93	45 STBO & 28 STBW.
9-6-93	87 STBO & 0 STBW.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #22-10Y
Location: SE NW Section 10, T9S, R17E
Duchesne County, Utah **---TIGHT HOLE---**

8-19-93: Present Operation: Shut-in; wait on surface equipment. Csg 60 PSIG, flow back 10 bbls water. Made 16 swab runs. Swab back 96 bbls water. Release packer. Tag sand @4,985' KB. Circulate sand out to BP at 5,106' KB, release BP. TOOH w/tbg & BP. No BOP.

TIH w/one jt 2-7/8" EUE J-55 8RD 4.6# 31.88'
one perforated sub 2-7/8" J-55 3.20'
one seating nipple 1.10'
149 jts tubing 2-7/8" EUE, J-55 8RD 4/6# 4,628.85'

ND BOP. NU wellhead, land mud anchor @4,665' KB.
TIH with BHP 2-1/2" X 1-1/2" X 16' RHAC
six 1" x 25' sucker rods EL w/2-1/2" Riton guides
178 3/4" x 25' sucker rods Grade D (slick)
one 3/4" x 8' pony rod
one 3/4" x 6' pony rod
one 1-1/4" x 16' polish rod

Clamp rod string off. Shut well in. SDFN. Load to recover 439 bbls water.
DC: $7,405 CC: $262,029

8-23-93 Start surface equipment hook-up.
DC: $16,391 CC: $16,391

8-24-93 Continue hook-up of surface equipment.
DC: $25,255 CC: $41,646

8-25-93 Continue surface equipment hook-up.
DC: $1,096 CC: $42,742

8-26-93 Continue surface equipment hook-up.
DC: $2,032 CC: $44,774

8-27-93 Continue surface equipment hook-up.
DC: $390 CC: $45,164

8-28-93 Continue surface equipment hook-up.
DC: $545 CC: $45,709

8-30-93 Continue surface equipment hook-up. Start pumping at 1200 hrs. SPM = 5; stroke length = 76".
DC: $856 CC: $46,565

rm 3160-5
ane 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Balcron Federal #22-10Y

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other 1st production	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production on this well was August 30, 1993.

RECEIVED
SEP 07 1993
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date August 31, 1993
Bobbie Schuman

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

OCT 4 1993

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-65210

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

7. UNIT AGREEMENT NAME: n/a

8. FARM OR LEASE NAME: Balcron Federal

9. WELL NO.: #22-10Y

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 10, T9S, R17E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

CONFIDENTIAL

2. NAME OF OPERATOR: Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR: P.O. Box 21017, Billings, Montana 59104 (406) 259-7860

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: SE NW Section 10, T9S, R17E 1980' FNL, 1980' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31395	6-21-93	Duchesne	UTAH

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-25-93	8-1-93	8-30-93	5121.9' GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5,824'	5,772'	n/a	→	Sfc - TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4,689'-4,699'; 5,012'-5,030'
5,363'-5,381'; 5,408'-5,431' Green River

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN 8-3-93
DIL, FDC-CNL-GR MUD LOG, PENETRATION RATE

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	255'	12-1/4"	150 sxs Premium + additives	none
5-1/2"	15.50#	5820'	7-7/8"	154 sxs Thrifty; 258 sxs POZ with additives	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5434'	n/a

31. PERFORATION RECORD (*Interval, size and number*)
5,428'-5,431' 2 SPF
5,408'-5,420' 6 SPF
5,363'-5,381' 7 SPF
5,012'-5,030' 2 SPF
4,689'-4,699' 2 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5363'-5431'	FRAC: 26,000# - 16/30 sand in 196 bbls gelled KCL water.
	26,160# - 20/40 sand and 23,140# - 16/30 sand in 336 bbls gelled KCL water.
5,012'-5,030'	24,440# - 20/40 sand and 16,130# - 16/30 sand in 315 bbls gelled KCL Water.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8-30-93	Pumping - 1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-26-93	24	n/a		87	25	0	290

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		87	25	0	34

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Used for fuel on location.

TEST WITNESSED BY: Dale Griffin

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Bobbie Schuman (Bobbie Schuman) TITLE Coordinator of Environmental and Regulatory Affairs DATE 9-29-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DSTs run.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
See Geologic Report to be sent separately.		

m 3160-5
ie 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

)o not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Balcron Federal #22-10Y

Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UTAH

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other NTL2B	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

). Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This sundry notice is to be considered as our NTL2B (Disposition of Produced Water) for this well.

Any water produced by this well will be held in a produced water tank and then hauled to a commercial disposal facility. See Site Security Diagram for location of water tank.

OCT 5 6 1993

Accepted by the State
of Utah Divi[illegible]
Oil, Gas a[illegible]
Date: 10-12-93
By:

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date September 29, 1993
Bobbie Schuman

(This space for Federal or State office use)
Approved by Federal Approval of this Action is Necessary Title Date
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Balcron Federal #22-10Y
   API number: 43-013-31395

2. Well location: QQ SE NW section 10 township 9S range 17E county Duchesne

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
   Address: P.O. Box 21017, Billings, Montana 59104 phone: (406) 259-7860

4. Drilling contractor: Union Drilling
   Address: Drawer 40, Buckhannon, WV 26201 phone: (304)472-4610

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
No measurable water encountered during drilling operations.			

6. Formation tops: See Geological Report submitted separately.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman
Title Coodinator of Environmental and Regulatory Affairs
Signature Bobbie Schuman
Date September 29, 1993

Comments:

m 3160-5
ıe 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

)o not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

Type of Well
[XX] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Balcron Federal #22-10Y

Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UTAH

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[x] Other Site Security Diagram	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

). Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.

RECEIVED
OCT 5/6 1993

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 9-29-93

Bobbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

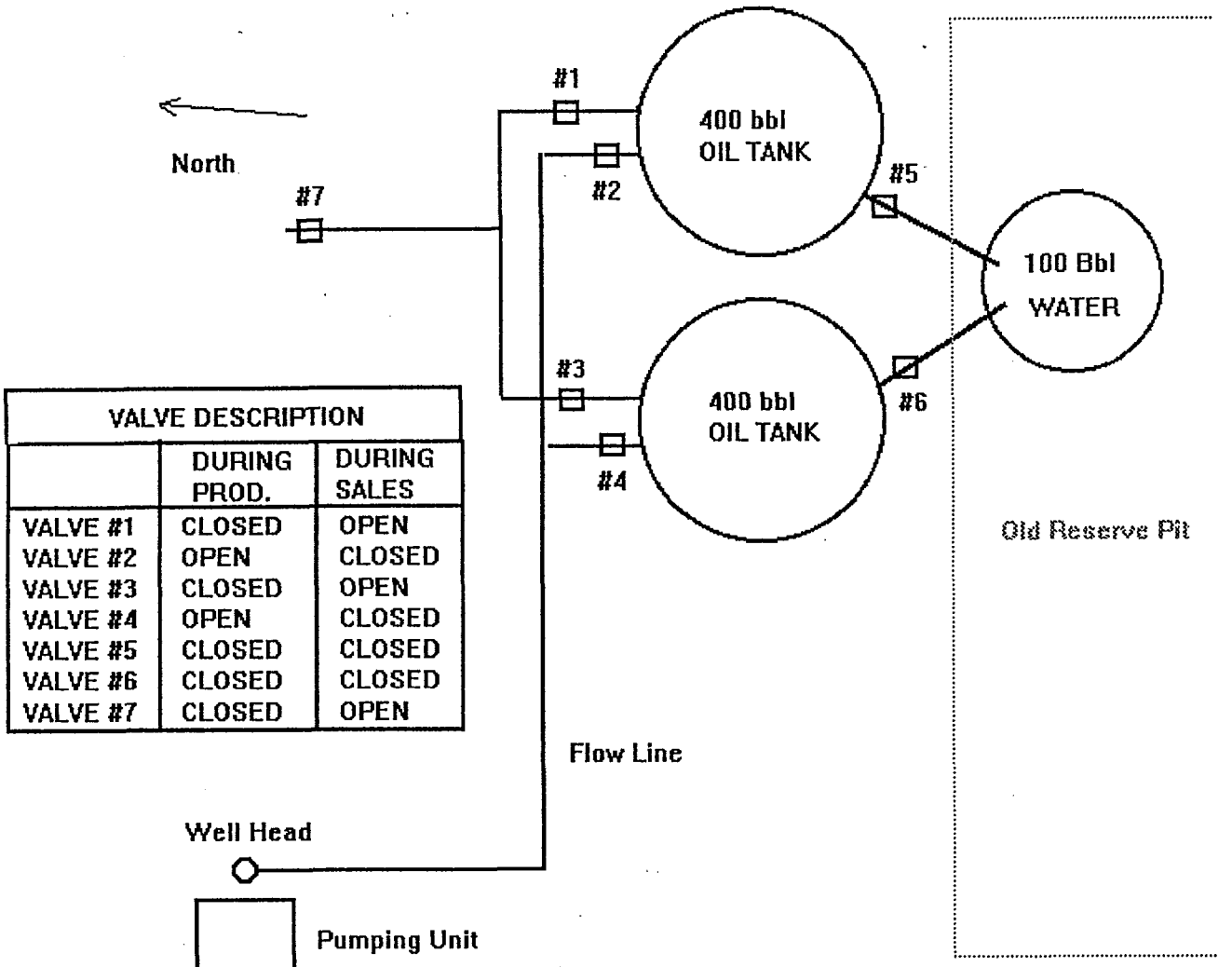
*See Instruction on Reverse Side

Equitable Resources Energy Company

Balcron Federal #22-10Y

Production Facility Diagram

Balcron Federal #22-10Y
SE NW Section 10, T9S, R17E
Duchesne County, Utah
Federal Lease #U-65210
1980' FNL, 1980' FWL



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

Equitable Resources Energy Company
Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860

DIAGRAM NOT TO SCALE

RECEIVED
DEC 01 1993
DIVISION OF OIL, GAS & MINING

m 3160-5
ie 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

)o not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

SUBMIT IN TRIPLICATE

CONFIDENTIAL

7. If Unit or CA, Agreement Designation
n/a

Type of Well
[xx] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Balcron Federal #22-10Y

Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UTAH

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Onshore Order #7	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location from the Vernal Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date November 30, 1993

Bobbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: Federal Approval of this Action is Necessary

Accepted by the State of Utah Division of Oil, Gas and Mining

Date: 12-3-93

By:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-65210

6. If Indian, Allottee or Tribe Name: n/a

7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Balcron Federal #22-10Y

2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.: 43-013-31395

3. Address and Telephone No.: P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Exploratory Area: Monument Butte/Green River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State: Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other off-lease meter	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests approval for off-lease measurement of gas on this well. A map showing the location of the meter is attached.

The location of the meter was shown on Federal Right-of-Way #U-53105.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

RECEIVED
JAN - 9 1995
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman (Bobbie Schuman) Title Regulatory and Environmental Specialist Date January 13, 1995

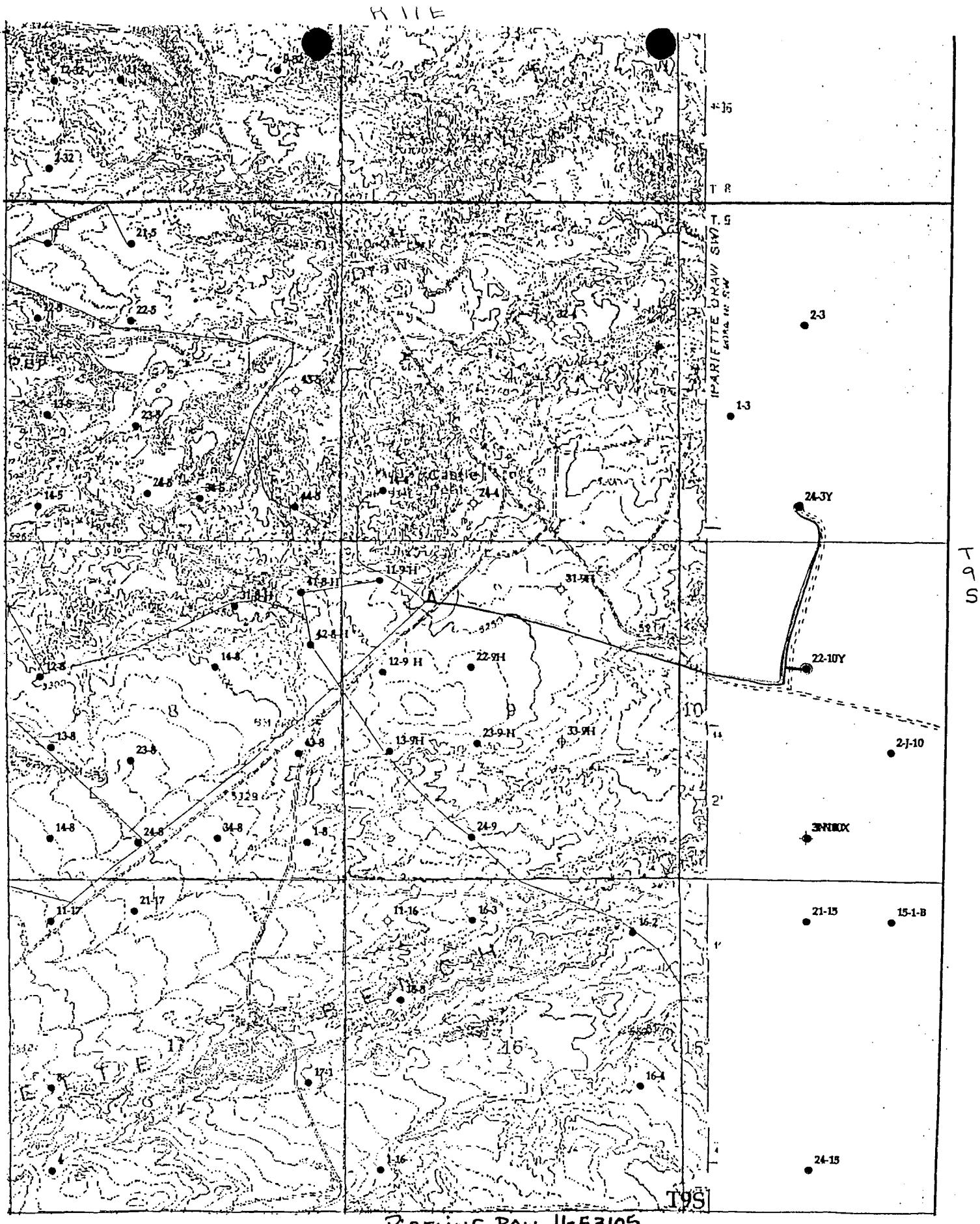
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



PIPELINE ROW U-53105

Existing Gas Lines

Proposed 2" Poly Lines (ROW)

Δ Proposed Gas Meter 24-3Y 22-10Y

Equitable Resources Energy Company
Balcron Oil Division

Monument Butte Gas Plant
Gas Gathering System

5-1-99

I2

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUL 17 1995
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Balcron Federal #22-10Y

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.
43-013-31395

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW Section 10, T9S, R17E
1980' FNL, 1980' FWL

11. County or Parish, State
Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other off-lease meter and commingling	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

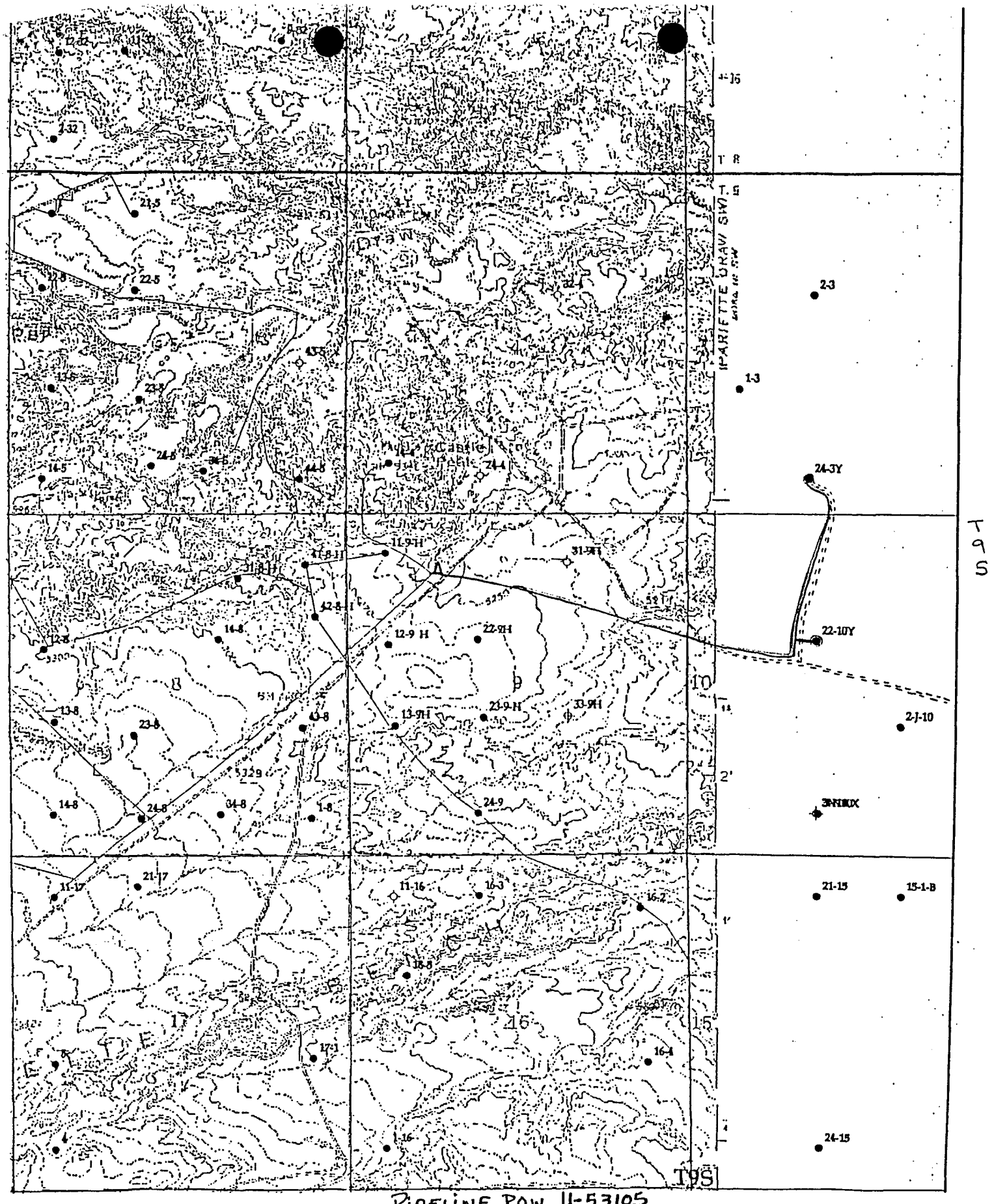
Operator requests approval for off-lease natural gas measurement for this well. It is desired to place the gas meter off-lease to reduce the distance that our gas plant operator must travel each day. The operator must check the meter daily. Due to rocky terrain this necessitates driving several each additional miles each day if the meter were located on lease. Less driving also aids with dust control. See attached map for the meter location.
Operator also requests approval to commingle gas from this well and the Balcron Federal #24-3Y in SE SW Section 3, T9S, R17E (Lease U-64381). This is also to reduce the distance that our gas plant operator must travel each day. The commingled gas would be measured with a single gas meter and allocated back to each well.

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date July 13, 1995
Bobbie Schuman
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



PIPELINE ROW U-53105

Equitable Resources Energy Company
Balcron Oil Division

Monument Butte Gas Plant
Gas Gathering System

5-1-94

J2

Existing Gas Lines

Proposed 2" Poly Lines (ROW)

Δ Proposed Gas Meter 21-3Y (22-10Y)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 07 1995
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.: U-65210
6. If Indian, Allottee or Tribe Name: n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
8. Well Name and No.: Balcron Federal #22-10Y
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division
9. API Well No.: 43-013-31395
3. Address and Telephone No.: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860
10. Field and Pool, or Exploratory Area: Monument Butte/Green River
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SE NW Section 10, T9S, R17E 1980' FNL, 1980' FWL
11. County or Parish, State: Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other off-lease gas measurement and commingling	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests approval for off-lease gas measurement and commingling in accordance with the attached explanation.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 9-5-95
Bobbie Schuman
(This space for Federal or State office use)

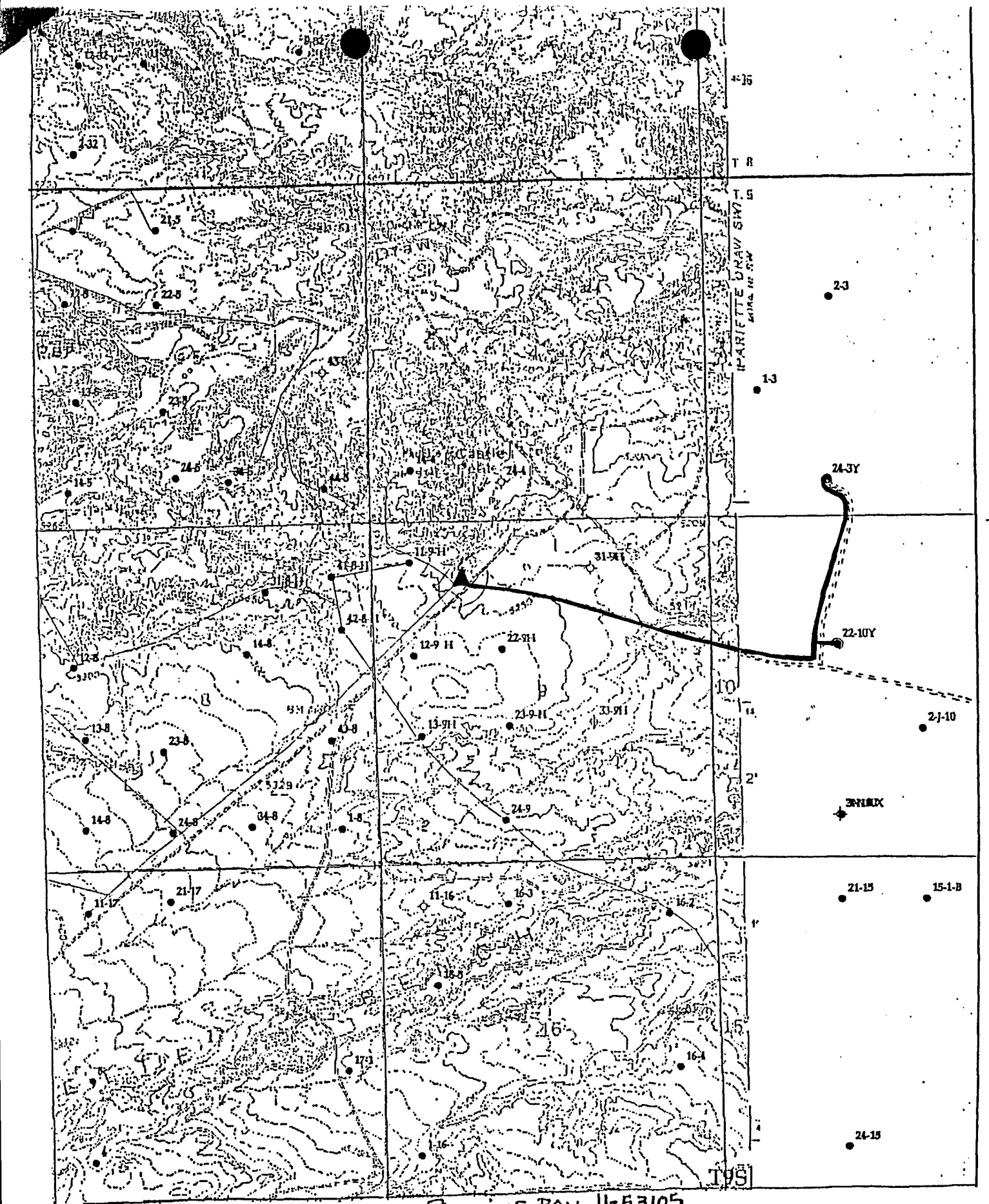
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Attachment To Sundry Notice
Balcron Federal #22-10Y
Duchesne County, Utah

Equitable Resources Energy Company, Balcron Oil Division is requesting approval for off-lease natural gas measurement for the Balcron Federal #22-10Y. Balcron Oil is also requesting approval to commingle the natural gas produced from this well with the natural gas produced from the Balcron Federal #24-3Y (Lease No. U-64381) located in the SE SW Section 3, T9S, R17E, Duchesne County, Utah. Placing the natural gas meter for these wells off-lease will reduce the distance that our gas plant operator must travel each day by several miles. Reducing the distance traveled will reduce Balcron Oil's operating costs and will aid in dust control and the over-all impact on this area. The commingling of produced natural gas from these wells allows for a single gas meter to be placed in a convenient location close to Balcron's existing operations. These wells produce approximately five to six MSCFPD of natural gas above that used on lease. A second gas meter would cost approximately $3500.00 to install which is not economical at today's gas prices. It is proposed to commingle the gas production from these wells which will be measured with a single gas meter and allocated back to each well according to quarterly gas tests. The gas tests will be performed by Balcron Oil employees using an orifice and pressure recorder. These gas tests will be used in a spreadsheet to allocate the total produced gas back to each well on a monthly basis.



PIPELINE ROW U-53105

Equitable Resources Energy Company
Balcron Oil Division

Monument Butte Gas Plant
Gas Gathering System

5-1-94

J2

Existing Gas Lines

Proposed 2" Poly Lines (ROW)

Proposed Gas Meter 24-3Y
22-10Y

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
✓COYOTE FEDERAL 21-5 4304732260 11500 08S 25E 5	GRRV					
✓COYOTE FEDERAL 13-5 4304732261 11500 08S 25E 5	GRRV					
✓FEDERAL 22-10Y 4301331395 11501 09S 17E 10	GRRV					
✓FEDERAL 41-21Y 4301331392 11505 09S 16E 21	GRRV					
✓FEDERAL 44-14Y 4304732438 11506 09S 17E 14	GRRV					
✓FEDERAL 21-13Y 91331400 11510 09S 16E 13	GRRV					
✓rcDERAL 21-9Y 4301331396 11513 09S 16E 9	GRRV					
✓FEDERAL 21-25Y 4301331394 11530 09S 16E 25	GRRV					
✓MONUMENT FEDERAL 11-25 4304732455 11625 08S 17E 25	GRRV					
✓ALLEN FEDERAL 31-6G 4301331442 11642 09S 17E 6	GRRV					
✓BALCRON FEDERAL 41-19Y 4304732504 11651 09S 18E 19	GRRV					
✓BALCRON MONUMENT STATE 14-2 4301331425 11656 09S 17E 2	GRRV					
✓FEDERAL 44-4Y 4301331452 11679 09S 17E 4	GRRV					
			TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

(12/93)

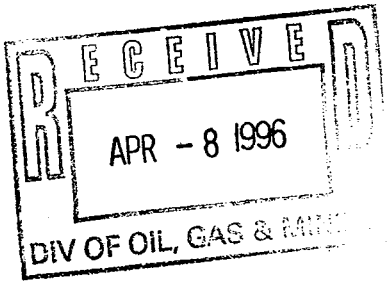
Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32346	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchense	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNl, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WIW	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah

EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361



March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: See attached listing

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name: n/a

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name: See attached listing

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

8. Well Name and Number: See attached listing

2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number: See attached listing

3. Address and Telephone Number: 1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Wildcat: See attached listing

4. Location of Well
Footages: See attached listing
County: See attached list
QQ, Sec., T., R., M.:
State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandon	☐ New Construction	☐ Abandon *	☐ New Construction
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or Acidize	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other Operator name change	
☐ Other			

Approximate date work will start

Date of work completion

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.
Name & Signature: Bobbie Schuman
Bobbie Schuman
Title: Regulatory and Environmental Specialist
Date: March 27, 1996

(This space for State use only)

(4\94)

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1 LEC 7-SJ
2 ~~DTS~~ 8-FILE
3 VLD (GIL)
4 RJF
5 ~~LEC~~
6 FILM

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~XXX~~ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	EQUITABLE RESOURCES ENERGY COEROM	(former operator)	EQUITABLE RESOURCES ENERGY C
(address)	1601 LEWIS AVE	(address)	BALCRON OIL DIVISION
	BILLINGS MT 59102-4126		1601 LEWIS AVE
			BILLINGS MT 59102-4126
	phone (406) 259-7860		phone (406) 259-7860
	account no. N9890		account no. N9890

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: 013-31395	Entity:	Sec Twp Rng	Lease Type:	
Name:	API:	Entity:	Sec Twp Rng	Lease Type:	
Name:	API:	Entity:	Sec Twp Rng	Lease Type:	
Name:	API:	Entity:	Sec Twp Rng	Lease Type:	
Name:	API:	Entity:	Sec Twp Rng	Lease Type:	
Name:	API:	Entity:	Sec Twp Rng	Lease Type:	
Name:	API:	Entity:	Sec Twp Rng	Lease Type:	

OPERATOR CHANGE DOCUMENTATION

Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

* 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above~~. (4-10-96)

Yes 6. Cardex file has been updated for each well listed above. (4-11-96)

Yes 7. Well file labels have been updated for each well listed above. (4-11-96)

Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)

Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) #5578314 ($80,000) Seneca Ins. Co. (Bond Rider In Progress)

Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files.

N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. 4/22/96

DTS 2. Copies of documents have been sent to State Lands for changes involving State leases. Sent to Ed Bonner — Trust Lands

FILMING

KDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/96 BLM/BIA "Formal approval not necessary".

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
EQUITABLE RESOURCES ENERGY
PO BOX 577
LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
FEDERAL 22-10Y 4301331395 11501 09S 17E 10	GRRV			UL 5210		
FEDERAL 41-21Y 4301331392 11505 09S 16E 21	GRRV			UL 64379		
FEDERAL 44-14Y 4304732438 11506 09S 17E 14	GRRV			UL 64806		
FEDERAL 21-13Y 4301331400 11510 09S 16E 13	GRRV			UL 64805		
FEDERAL 21-9Y 4301331396 11513 09S 16E 9	GRRV			UL 65207		
FEDERAL 21-25Y 4301331394 11530 09S 16E 25	GRRV			UL 64380		
[illegible]EN FEDERAL 31-6G 4301331442 11642 09S 17E 6	GRRV			UL 020252A		
BALCRON FEDERAL 41-19Y 4304732504 11651 09S 18E 19	GRRV			UL 65635		
FEDERAL 44-4Y 4301331452 11679 09S 17E 4	GRRV			UL 65967		
BALCRON FEDERAL 31-5Y 4304732503 11680 09S 18E 5	GRRV			UL 65970		
BALCRON FEDERAL 12-22Y 4301331476 11717 08S 17E 22	GRRV			UL 66191		
BALCRON MONUMENT STATE 24-2 4304732612 11736 09S 17E 2	GRRV			ML 45555		
BALCRON MONUMENT STATE 13-2 4301331482 11738 09S 17E 2	GRRV			ML 45555		
			TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

12/93)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
OCT 13 1997

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
Inland Production Company

3. Address and Telephone No.
475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Attached Exhibit

5. Lease Designation and Serial No.
See Attached

6. If Indian, Allottee or Tribe Name
See Attached

7. If Unit or CA, Agreement Designation
See Attached

8. Well Name and No.
See Attached

9. API Well No.
See Attached

10. Field and Pool, or Exploratory Area
See Attached

11. County or Parish, State
See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Change of Operator	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED
OCT 10 1997

14. I hereby certify that the foregoing is true and correct

Signed [signature] Title CHRIS A. POTTER, ATTORNEY-IN-FACT Date 9/30/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Inland
RESOURCES INC.

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau

Patsy Barreau

/pb
encls.

475 Seventeenth Street, Suite 1500, Denver, CO 80202 • 303-292-0900 • FAX 303-296-4070

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:
3162.3
UT08438

November 13, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

43-013-31395

Re: Well No. Mon. Fed. 22-10-9-17Y
SENW, Sec. 10, T9S, R17E
Lease U-65210
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

for Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

Inland Resources Change of Operator

WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00		UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
BALCRON FEDERAL #22-10Y	SENW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION
(406) 259-7860 Telephone
(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc

Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested. Call if you need anything further.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- [XX] Change of Operator (well sold)
- [ ] Designation of Operator
- [ ] Designation of Agent
- [ ] Operator Name Change Only

The operator of the well(s) listed below has changed, **effective:** 9-30-97

TO: (new operator)	INLAND PRODUCTION COMPANY	**FROM:** (old operator)	EQUITABLE RESOURCES COMPANY
(address)	PO BOX 1446	(address)	PO BOX 577
	ROOSEVELT UT 84066		LAUREL MT 59044
			C/O CRAZY MTN O&G
	Phone: (801)722-5103		Phone: (406)628-4164
	Account no. N5160		Account no. N9890

WELL(S) attach additional page if needed:

Name:	**SEE ATTACHED**	API:	43-013-31395	Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	

OPERATOR CHANGE DOCUMENTATION

LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)

LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____.

LEC 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 **through 9** below.

LEC 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (12-2-97)

LEC 6. **Cardex** file has been updated for each well listed above. (12-3-97)

LEC 7. **Well file labels** have been updated for each well listed above. (12-3-97)

LEC 8. Changes have been included on the monthly "**Operator, Address, and Account Changes**" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-3-97)

LEC 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

LEC 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.

N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

N/A/LC 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.

___ 2. A **copy of this form** has been placed in the new and former operator's bond files.

___ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes DTS involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

12/5/97
N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

VB 1. All attachments to this form have been **microfilmed**. Today's date: 1.7.98.

FILING

___ 1. **Copies** of all attachments to this form have been filed in each **well file**.

___ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

971202 Blm/Vernal Aprv. Nov. 10, 13 & 20, 1997.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
FEDERAL 22-10Y

9. API Well No.
43-013-31395

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

11. County or Parish, State
DUCHESNE COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FNL 1980 FWL SE/NW Section 10, T09S R17E

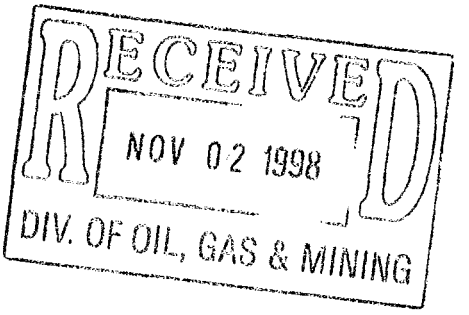
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Site Security**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct
Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 10/30/98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Inland Production Company
Site Facility Diagram

Federal 22-10Y

SE/NW Sec. 10, T9S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

1) Valves 1 and 3 sealed closed

2) Valves 2 and 4 sealed open

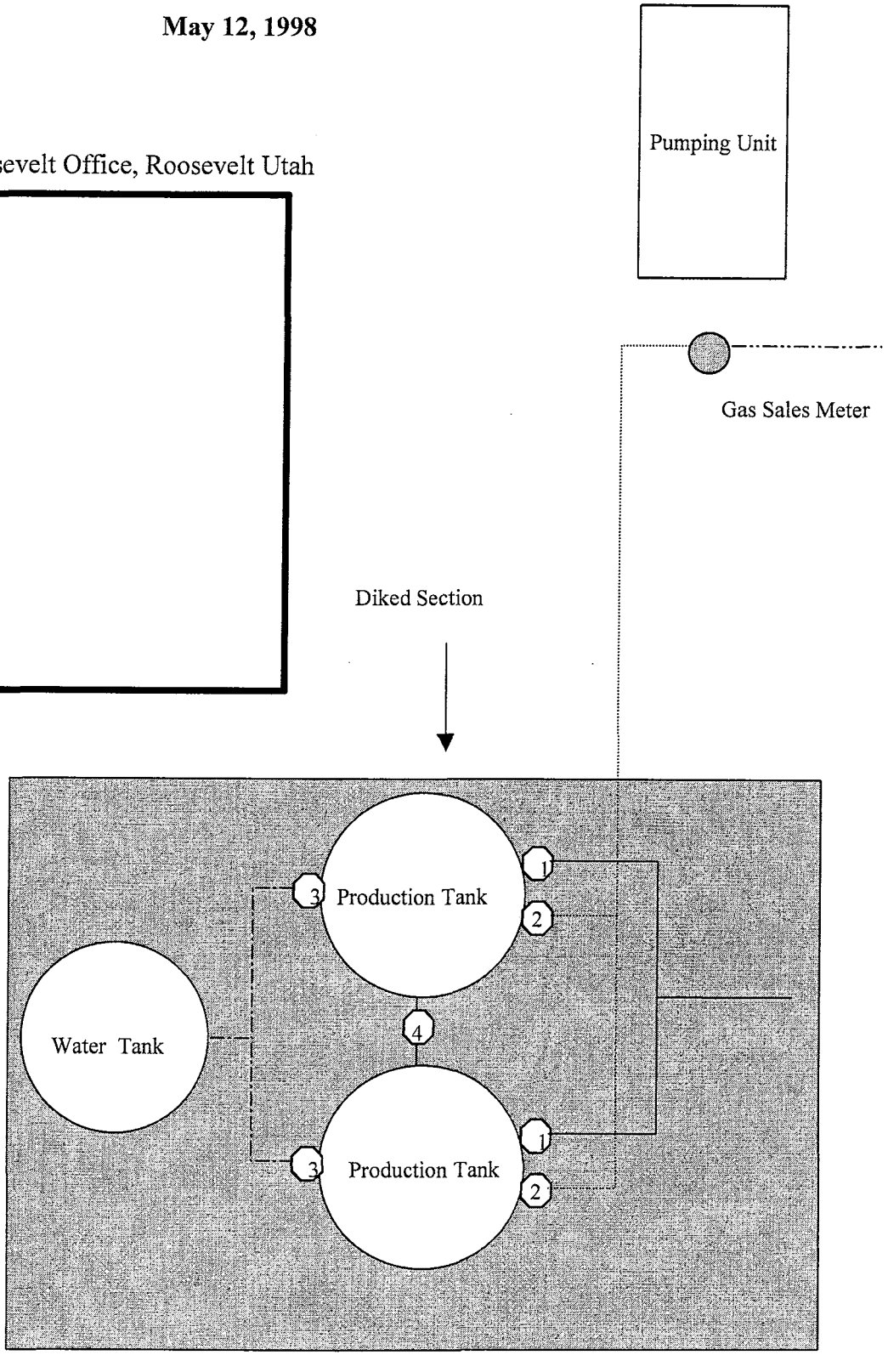
Sales Phase:

1) Valves 1, 2, 4, 5 sealed closed

2) Valves 1 open

Draining Phase:

1) Valve 3 open



Emulsion Line

Load Line

Water Line

Gas Sales

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D	11867	12704	43-013-31536	Monument Federal #12-10Y	SWNW	10	9S	17E	Duchesne		3/1/2000

WELL 2 COMMENTS: Moved well to BlackJack Unit 000514 Entity Added

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D	11857	12704	43-013-31535	Federal #14-3Y	SWSW	3	9S	17E	Duchesne		3/1/2000

WELL 2 COMMENTS: Moved well to BlackJack Unit 000514 entity added.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D	11859	12704	43-013-31537	Federal #21-10Y	NENW	10	9S	17E	Duchesne		3/1/2000

WELL 3 COMMENTS: Moved well to BlackJack Unit 000514 entity added.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D	11501	12704	43-013-31395	Federal #22-10Y	SENW	10	9S	17E	Duchesne		3/1/2000

WELL 4 COMMENTS: Moved well to BlackJack Unit 000514 entity added

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D	11493	12704	43-013-31397	Federal #24-3Y	SESW	3	9S	17E	Duchesne		3/1/2000

WELL 5 COMMENTS: Moved well to BlackJack Unit 000514 entity added.

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED
MAY 11 2000
DIVISION OF
OIL, GAS AND MINING

Signature: Lebris S Jones
Production Clerk
Title
May 9, 2000
Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas well [ ] Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17th Street, Suite 700, Denver, Colorado 80202 **(303) 893-0102**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NW 1980' FNL, 1980' FWL Sec. 10, T9S, R17E

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
NA

7. If unit or CA, Agreement Designation
BlackJack

8. Well Name and No.
Balcron Federal #22-10Y-9-17

9. API Well No.
43-013-31395

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing repair	[ ] Water Shut-off
	[ ] Altering Casing	[X] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directioally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct
Signed David Gerbig Title **Operations Engineer** Date 2-3-03
David Gerbig

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas well [ ] Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17th Street, Suite 700, Denver, Colorado 80202 **(303) 893-0102**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NW 1980' FNL, 1980' FWL Sec. 10, T9S, R17E

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
NA

7. If unit or CA, Agreement Designation
BlackJack

8. Well Name and No.
Balcron Federal #22-10Y-9-17

9. API Well No.
43-013-31395

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing repair	[ ] Water Shut-off
[ ] Final Abandonment Notice	[ ] Altering Casing	[X] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directioally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct
Signed David Gerbig Title **Operations Engineer** Date 2-5-03
David Gerbig

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland
RESOURCES INC.

January 31, 2003

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Balcron Federal #22-10Y-9-17 INDIAN COUNTRY
Monument Butte Field, BlackJack Unit, Lease #U-65210
Section 10-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Balcron Federal #22-10Y-9-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, BlackJack Unit.

We also request permission to add additional perforations between the Garden Gulch and Basal Limestone formations at that time. All work will be detailed in a Sundry Notice.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

David Gerbig

David Gerbig
Operations Engineer

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
FEB 07 2003
DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

BALCRON FEDERAL #22-10Y-9-17

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

BLACKJACK UNIT

LEASE #U-65210

JANUARY 31, 2003

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

RECEIVED
FEB 07 2003
DIV. OF OIL, GAS & MINING

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Balcron Federal 22-10Y-9-17
Field or Unit name: Monument Butte (Green River) BlackJack Unit Lease No. U-65210
Well Location: QQ SE/NW section 10 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? ..... Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? ..... Yes [X] No [ ]
Disposal? ..... Yes [ ] No [X]
Storage? ..... Yes [ ] No [X]
Is this application for a new well to be drilled? ..... Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well?..... Yes [ ] No [X]
Date of test:
API number: 43-013-31395

Proposed injection interval: from 3840' to 5740'
Proposed maximum injection: rate 500 bpd pressure 1438 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: David Gerbig Signature David Gerbig
Title Operations Engineer Date 2-5-03
Phone No. (303)893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

Balcron Federal #22-10Y-9-17

Spud Date: 7-25-93
Put on Production: 8-30-93
GL: 5121' KB: 5131'

Initial Production: 87 BOPD,
25 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT:24#

LENGTH: 5 jts.

DEPTH LANDED: 254.85

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sx Premium, est 7-8 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 131 jts. (5824')

DEPTH LANDED: 5820'

HOLE SIZE: 7-7/8"

CEMENT DATA: 154 sx Thrifty-Lite & 258 sx 50/50 Poz

CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 4.6# / J-55

NO. OF JOINTS: 149 jts

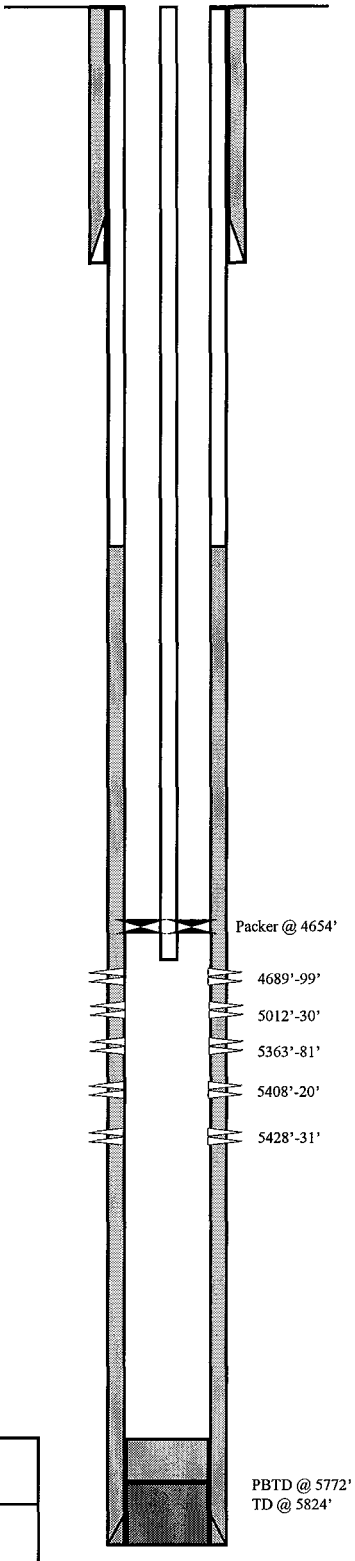
TUBING PACKER: 4650'

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4648'

TOTAL STRING LENGTH: EOT @ 4650'

Proposed Injection
Wellbore Diagram



FRAC JOB

8-13-93	**5363'-5431'**	**Frac sand as follows:** 14,112 gals Viking, 26,160# 20/40, and 23,140# 16/30 sand. Perfs broke @ 2800 psi. Treated w/avg press of 1400 psi w/avg rate of 26.4 BPM. ISIP-1450 psi, 5 min 1290 psi.
8-17-93	**5012'-5030'**	**Frac sand as follows:** 13,230 gals Viking, 24,440# 20/40, and 21,100# 16/30 sand. Perfs broke @ 2400 psi. Treated w/avg pressof 2350 psi w/avg rate of 26 BPM. ISIP-2350 psi, 5 min 2180 psi.
8-17-93	**4689'-4699'**	**Frac sand as follows:** 8232 gals Viking and 26,000# 16/30 sand. Perfs broke @ 2100 psi. Treated w/avg press of 2200 psi w/avg rate of 20.6 BPM. ISIP-1990 psi, 5 min 1730 psi.
12/21/01		Tubing leak. Update rod and tubing details.

PERFORATION RECORD

8-10-93	5428'-5431'		02 holes
8-10-93	5408'-5420'		06 holes
8-10-93	5363'-5381'		07 holes
8-15-93	5012'-5030'	2 JSPF	36 holes
8-17-93	4689'-4699'	2 JSPF	20 holes

Inland Resources Inc.

Balcron Federal #22-10Y-9-17

1980 FNL & 1980 FWL

SE/NW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-31395; Lease #U-65210

MC 1/21/03

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

   2.1 The name and address of the operator of the project.

   Inland Production Company
   410 17th Street, Suite 700
   Denver, Colorado 80202

   2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

   See Attachment A.

   2.3 A full description of the particular operation for approval is requested.

   Approval is requested to convert the Balcron Federal #22-10Y-9-17 from a producing oil well to a water injection well in Monument Butte (Green River) Field, BlackJack Unit.

   2.4 A description of the pools from which the identified wells are producing or have produced.

   The proposed injection well will inject into the Green River Formation.

   2.5 The names, description and depth of the pool or pools to be affected.

   The injection zone is in the Green River Formation. In the Balcron Federal #22-10Y-9-17 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3840' - 5740'). We may add additional perfs to those already existing; any additional perfs will be detailed in a Sundry Notice at that time. The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3840' and the Castle Peak top at 5314'.

   2.6 A copy of a log of a representative well completed in the pool.

   The referenced log for the Balcron Federal #22-10Y-9-17 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #U-65210) in the Monument Butte (Green River) Field, BlackJack Unit, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24#, J-55 surface casing run to 255' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5820' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1438 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Balcron Federal #22-10Y-9-17, for existing perforations (4689' - 5431') calculates at 0.70 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1438 psig. At the time of conversion, we may add additional perforations between 3840' and 5824', and will detail the work performed in a Sundry Notice. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Balcron Federal #22-10Y-9-17, the proposed injection zone (3840' - 5740') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-6.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

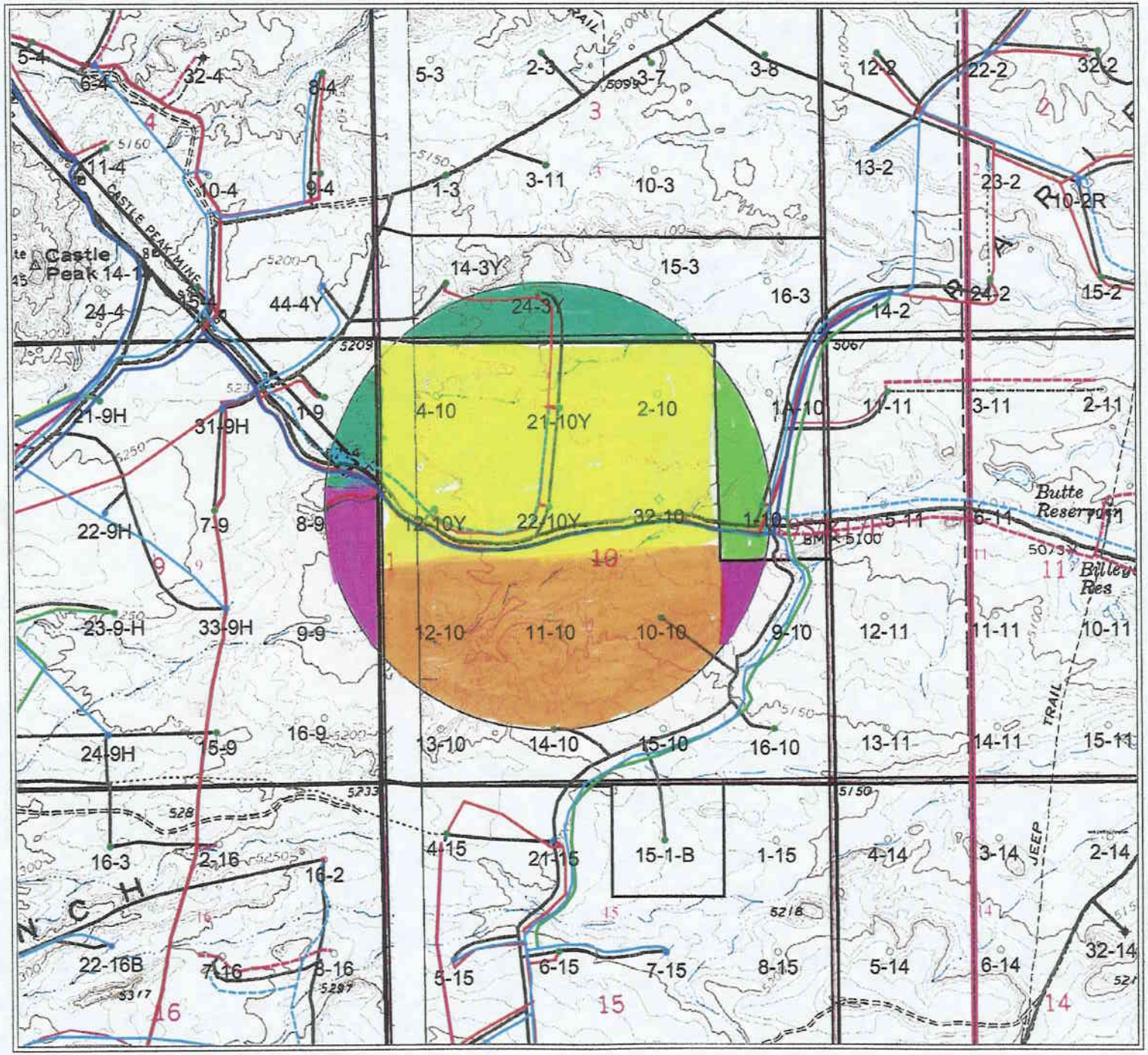
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

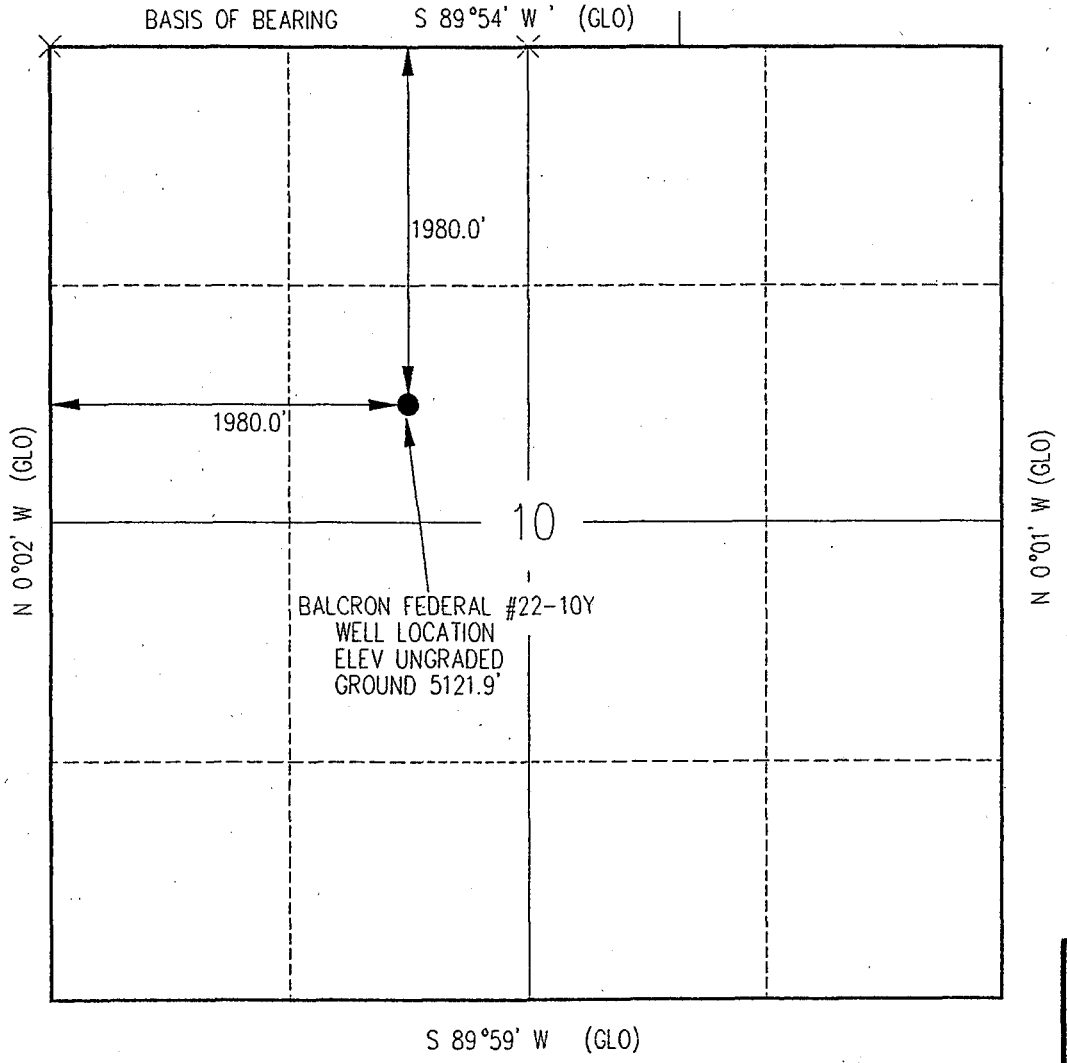
Inland Production Company will supply any requested information to the Board or Division.

Attachment A



Attachment A-1

T9S, R17E, S.L.B. & M.



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #22-10Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 10 , T9S, R17E, S.L.B. & M, DUCHESNE COUNTY UTAH.

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 3154
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/27/93	WEATHER: CLEAR & WARM
NOTES:	FILE # #22-10Y

EXHIBIT "G"

EXHIBIT B
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	Township 9 South, Range 17 East Section 3: S/2S/2	UTU-75037 HBP	Inland Production Company Yates Petroleum Corporation	(Surface Rights) USA
2.	Township 9 South, Range 17 East Section 9: Lots 1,2,3	UTU-75078 HBP	Inland Production Company	(Surface Rights) USA
3.	Township 9 South, Range 17 East Section 10: W/2NE/4, NW/4 Section 11: N/2 Section 24: All Section 31: SE/4SE/4	UTU-65210 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
4.	Township 9 South, Range 17 East Section 9: Lot 4, E/2SE/4	UTU-74806 HBP	Inland Production Company	(Surface Rights) USA

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5.	Township 9 South, Range 17 East Section 10: E/2SE/4 Section 11: S/2 Section 14: NW/4, N/2NE/4 Section 15: E/2NE/4	UTU-075174 HBP	Inland Production Company	(Surface Rights) USA
6.	Township 9 South, Range 17 East Section 10: SW/4, W/2SE/4	UTU-70821 HBP	Inland Production Company	(Surface Rights) USA
7.	Township 9 South, Range 17 East Section 10: E/2NE/4	U-18043 HBP	Cochrane Resources G. W. McDonald	(Surface Rights) USA
8.	Township 9 South, Range 17 East Section 4: Baxter Lode "A" Mineral Survey No 5566, Baxter Lode "B" Mineral Survey No 5567, Baxter Lode "C" Mineral Survey No 5565, Baxter Lode "D" Mineral Survey No 5564, Lying in Sections 4 & 9 Section 9: Baxter Lode "E" Mineral Survey No 5563	Ziegler Chemical & Mineral Company	Inland Production Company	

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Balcron Federal #22-10Y-9-17

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: David Gerbig

Inland Production Company
David Gerbig
Operations Engineer

Sworn to and subscribed before me this 5 day of February, 2003.

Notary Public in and for the State of Colorado:

My Commission Expires: 8/29/05

Attachment E

Balcron Federal #22-10Y-9-17

Spud Date: 7-25-93
Put on Production: 8-30-93
GL: 5121' KB: 5131'

Initial Production: 87 BOPD, 25 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 5 jts.
DEPTH LANDED: 254.85
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sx Premium, est 7-8 bbls cmt to surface

PRODUCTION CASING

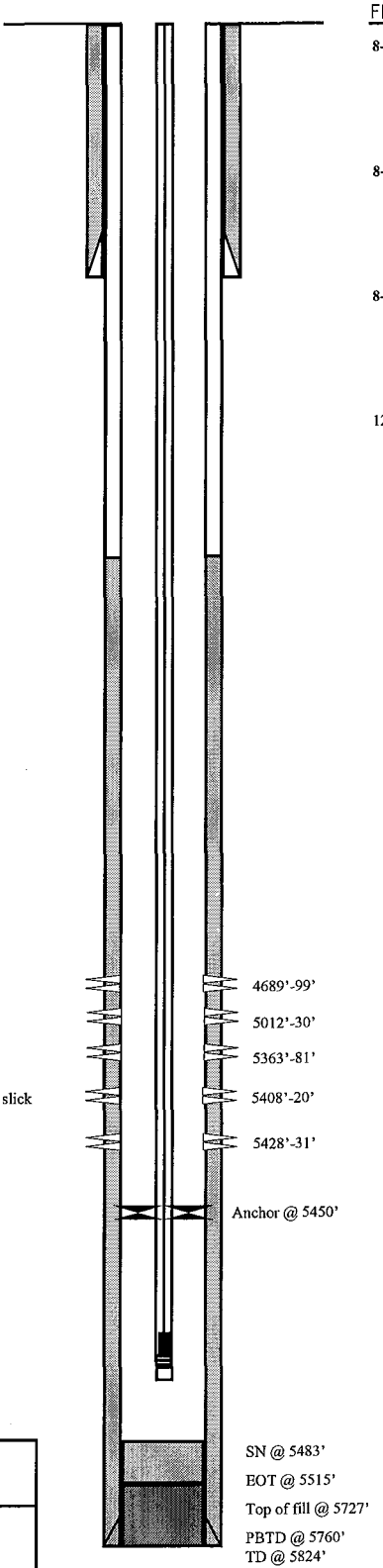
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5824')
DEPTH LANDED: 5820'
HOLE SIZE: 7-7/8"
CEMENT DATA: 154 sx Thrifty-Lite & 258 sx 50/50 Poz
CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 174 jts. (5437.77')
TUBING ANCHOR: 5450.55'
NO. OF JOINTS: 1 jt. (31.54')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5483.10'
NO. OF JOINTS: 1 jt. (31.30')
TOTAL STRING LENGTH: EOT @ 5515.84'

SUCKER RODS

POLISHED ROD: 1-1/4" x 16'
SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraper rods; 115-3/4" slick rods, 90-3/4" scraper rods, 1-3/4" slick rod, 1-2' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5 SPM
LOGS:



FRAC JOB

8-13-93	**5363'-5431'**	**Frac sand as follows:** 14,112 gals Viking, 26,160# 20/40, and 23,140# 16/30 sand. Perfs broke @ 2800 psi. Treated w/avg press of 1400 psi w/avg rate of 26.4 BPM. ISIP-1450 psi, 5 min 1290 psi.
8-17-93	**5012'-5030'**	**Frac sand as follows:** 13,230 gals Viking, 24,440# 20/40, and 21,100# 16/30 sand. Perfs broke @ 2400 psi. Treated w/avg pressof 2350 psi w/avg rate of 26 BPM. ISIP-2350 psi, 5 min 2180 psi.
8-17-93	**4689'-4699'**	**Frac sand as follows:** 8232 gals Viking and 26,000# 16/30 sand. Perfs broke @ 2100 psi. Treated w/avg press of 2200 psi w/avg rate of 20.6 BPM. ISIP-1990 psi, 5 min 1730 psi.
12/21/01		Tubing leak. Update rod and tubing details.

PERFORATION RECORD

8-10-93	5428'-5431'		02 holes
8-10-93	5408'-5420'		06 holes
8-10-93	5363'-5381'		07 holes
8-15-93	5012'-5030'	2 JSPF	36 holes
8-17-93	4689'-4699'	2 JSPF	20 holes

Inland Resources Inc.

Balcron Federal #22-10Y-9-17

1980 FNL & 1980 FWL

SE/NW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-31395; Lease #U-65210

BDH 1/3/02

Attachment E-1

Balcron Federal #24-3Y-9-17

Initial Production: 42 BOPD, NM MCFD, 2 BWPD

Spud: 7/10/93
Put on Production: 8/26/93
GL: 5042' KB: 5052'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (249.7')
DEPTH LANDED: 258.7' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt.

PRODUCTION CASING

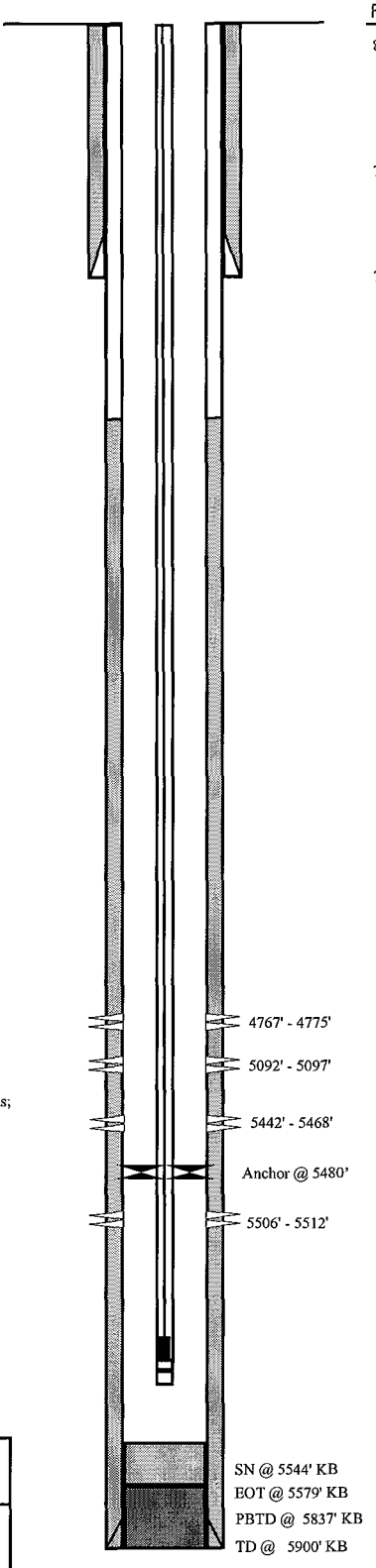
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5888.07')
DEPTH LANDED: 5883' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Hifill standard & 470 sxs 50/50 POZ.
CEMENT TOP AT: 1852' per CBL

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts
TUBING ANCHOR: 5480' KB
NO. OF JOINTS: 2 jts
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5545' KB
NO. OF JOINTS: 1 jts
TOTAL STRING LENGTH: EOT @ 5577' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 16' SM
SUCKER RODS: 1- 1 1/2" x 8' Wt rod, 4- 1" scraper rods; 8-3/4" scraper rods; 208-3/4" slick rods, 1-2' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 65"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL



FRAC JOB

8/02/93	5442'-5512'	**Frac zone as follows:** 29,000# 20/40 sand + 15,500# 16/30 sand in 448 bbls 2% KCl frac fluid. Treated @ avg press of 2022 psi w/avg rate of 32.2 BPM. ISIP 1370 psi. Calc flush: 5442 gal. Actual flush: 5250 gal.
7/25/01	5755'-5848'	**Frac zone as follows:** 25,500# 16/30 sand in 317 bbls 2% KCl frac fluid. Treated @ avg press of 2800 psi w/avg rate of 15.5 BPM. ISIP 2000 psi. Calc flush: 4767 gal. Actual flush: 4746 gal.
7/27/99		Tubing leak. Update rod and tubing details.

PERFORATION RECORD

7/30/93	5506'-5512'	1 JSPF	04 holes
7/30/93	5442'-5468'	1 JSPF	14 holes
8/03/93	5092'-5'97	1 JSPF	04 holes
8/03/93	4767'-4775'	1 JSPF	06 holes

Inland Resources Inc.

Balcron Fed. #24-3Y-9-17

562' FSL & 1887' FWL
SE SW Section 3-T9S-R17E
Duchesne Co, Utah
API #43-013-31397; Lease #U-64381

BDH 10/07/02

Attachment E-2

Balcron Monument Federal #21-10-9-17Y

Spud Date: 11-21-95
Put on Production: 12-22-95
GL: 5097' KB: ?'

Initial Production: 10 BOPD, 0 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 jts.
DEPTH LANDED: 259.85'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class G, est 6 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 128 jts. (5526.52')
DEPTH LANDED: 5579.74'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sx Super G & 280 sx 50/50 Poz
CEMENT TOP AT: 1880' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 155 jts. (5339.62')
TUBING ANCHOR: 5349.62' KB
NO. OF JOINTS: 1 jts. (31.37')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5383.79' KB
NO. OF JOINTS: 2 jt. (62.85')
TOTAL STRING LENGTH: EOT @ 5448.19' KB

SUCKER RODS

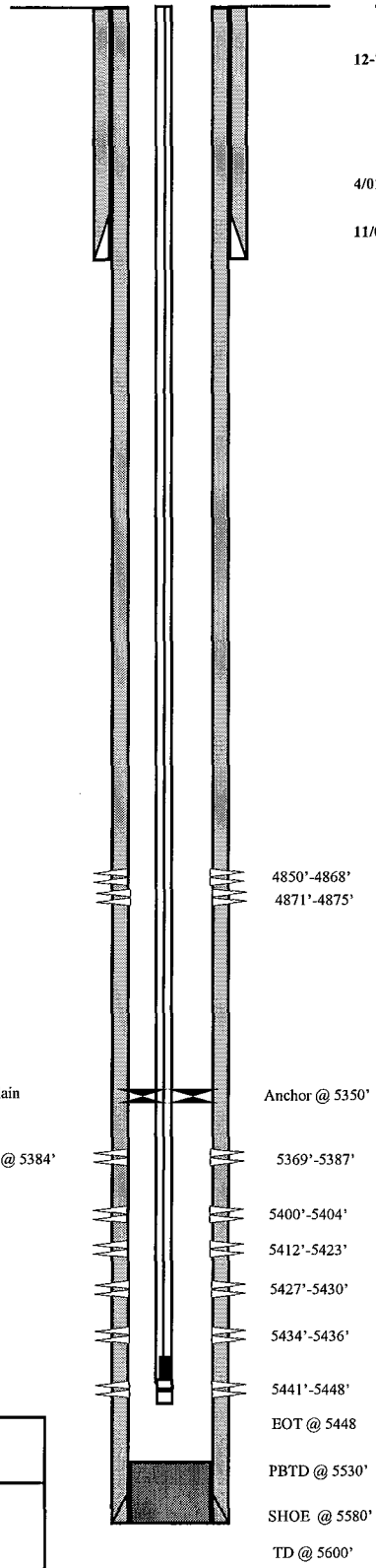
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraper rods; 109-3/4" plain rods, 89-3/4" scraper rods, 1-4', 1-8' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM
LOGS: DIGL/SP/GR/CAL

FRAC JOB

12-7-95 4850'-4875' **Frac sand as follows:** 27,594 gals 2% KCL gelled water and 102,070# 16/30 sand. Perfs broke @ 2640 psi. Treated w/avg press of 2400 psi w/avg rate of 31.4 BPM. ISIP-2320 psi, 5 min 2010 psi.

4/01/02 **Pump change.:** Update rod and tubing details.

11/06/02 5369'-5448' **Frac new CP1/CP2 sands as follows:** 110,500# 20/40 sand in 852 bbls Viking I-25 fluid. Treated @ avg pressure of 3297 psi with avg rate of 19.9 BPM. ISIP-1370 psi. Calc. Flush: 1409 Actual Flush: 1302



PERFORATION RECORD

12-6-95	4850'-4868'	4 JSPF	72 holes
12-6-95	4871'-4875'	4 JSPF	16 holes
11-5-02	5369'-5387'	4 JSPF	72 holes
11-5-02	5400'-5404'	4 JSPF	16 holes
11-5-02	5412'-5423'	4 JSPF	44 holes
11-5-02	5427'-5430'	4 JSPF	12 holes
11-5-02	5434'-5436'	4 JSPF	8 holes
11-5-02	5441'-5448'	4 JSPF	28 holes

Inland Resources Inc.

Balcron Monument Federal #21-10-9-17Y

807 FNL & 2120 FWL

NENW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-31537; Lease #U-65210

CE 11-13-02

Attachment E-3

Castle Draw #8-9-9-17

Spud Date: 7/30/98
Put on Production: 9/3/98
GL: 5192' KB: 5202'

Wellbore Diagram

Initial Production: 114 BOPD;
69 MCFD; 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 8 jts.(316')
DEPTH LANDED: 326' GL
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

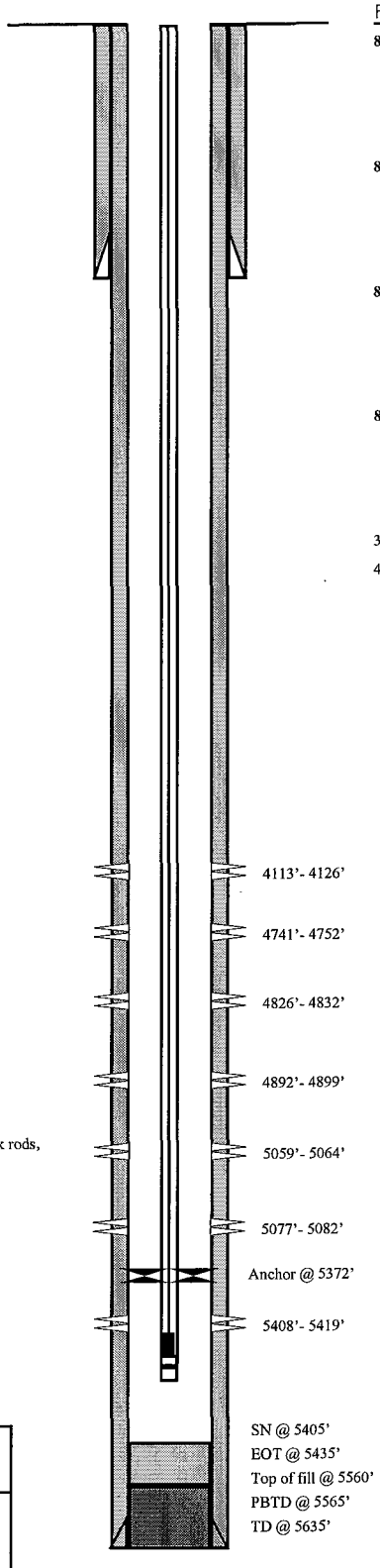
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5603')
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs modified mixed & 260 sxs class G
CEMENT TOP AT: Surface
SET AT: 5612'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 162 jts (4990.96')
NO. OF JOINTS: 12 jts new (369.60')
TUBING ANCHOR: 5376.36' KB
NO. OF JOINTS: 1 jts (31.10')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5405.56' KB
NO. OF JOINTS: 1 jts (29.10')
TOTAL STRING LENGTH: EOT @ 5435.11' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 6-1 1/2" weight bars; 25-3/4" scraper rods; 90-3/4" slick rods, 95-3/4" scraper rods, 1-2' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 3.5 SPM
LOGS: DIGL/SP/GR/CAL



FRAC JOB

8/24/98	**5408'-5419'**	**Frac CP sands as follows:** RU BJ Services & frac CP sds w/98,100# 20/40 sd in 509 bbls Viking I-25 fluid. Perfs broke dn @ 1933 psi. Treated @ ave press of 1540 psi w/ave rate of 29.8 BPM. ISIP:1500 psi.
8/26/98	**5059'-5082'**	**Frac A sands as follows:** RU BJ Services & frac A sds w/95,716# 20/40 sd in 506 bbls Viking I-25 fluid. Perfs broke dn @ 3042 psi. Treated @ ave press of 1850 psi w/ave rate of 27.7 BPM. ISIP:2200 psi.
8/28/98	**4741'-4899'**	**Frac B/C sands as follows:** RU BJ Services & frac C/B sds w/109,231# 20/40 sd in 552 bbls Viking I-25 fluid. Perfs broke back @ 2200 psi @ 15 BPM. Treated @ ave press of 1800 psi w/ave rate of 32.6 BPM. ISIP: 2300 psi.
8/31/98	**4113'-4126'**	**Frac GB sands as follows:** RU BJ Services & frac GB sds w/97,592# 20/40 sd in 480 bbls Viking I-25 fluid. Perfs broke dn @ 3500 psi. Treated @ ave press of 1860 psi w/ave rate of 24 BPM. ISIP:2050 psi.
3/26/02		Workover. Update rod and tubing details.
4/15/02		Pump change. Update rod details.

PERFORATION RECORD

8/21/98	5408'- 5419'	4 JSPF	44 holes
8/25/98	5059'- 5064'	4 JSPF	20 holes
8/25/98	5077'- 5082'	4 JSPF	20 holes
8/27/98	4741'- 4752'	4 JSPF	44 holes
8/27/98	4826'- 4832'	4 JSPF	24 holes
8/27/98	4892'- 4899'	4 JSPF	28 holes
8/29/98	4113'- 4126'	4 JSPF	52 holes

Inland Resources Inc.

Castle Draw #8-9-9-17

1980 FNL & 660 FEL

SENE Section 9-T9S-R17E

Duchesne Co, Utah

API #43-013-32078; Lease #U-74806

MC 11/6//02

Attachment E-4

Balcron Monument Federal #12-10Y-9-17

Spud Date: 12-7-95
Put on Production: 1-3-96
GL: 5158' KB: 5168'

Initial Production: 25 BOPD,
0 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 5 jts. (249.16')
DEPTH LANDED: 259.16'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class "G", est 4 Bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 127 jts. (5538.55')
DEPTH LANDED: 5548.55'
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sx Super G & 250 sx 50/50 Poz
CEMENT TOP AT: 1340' per CBL

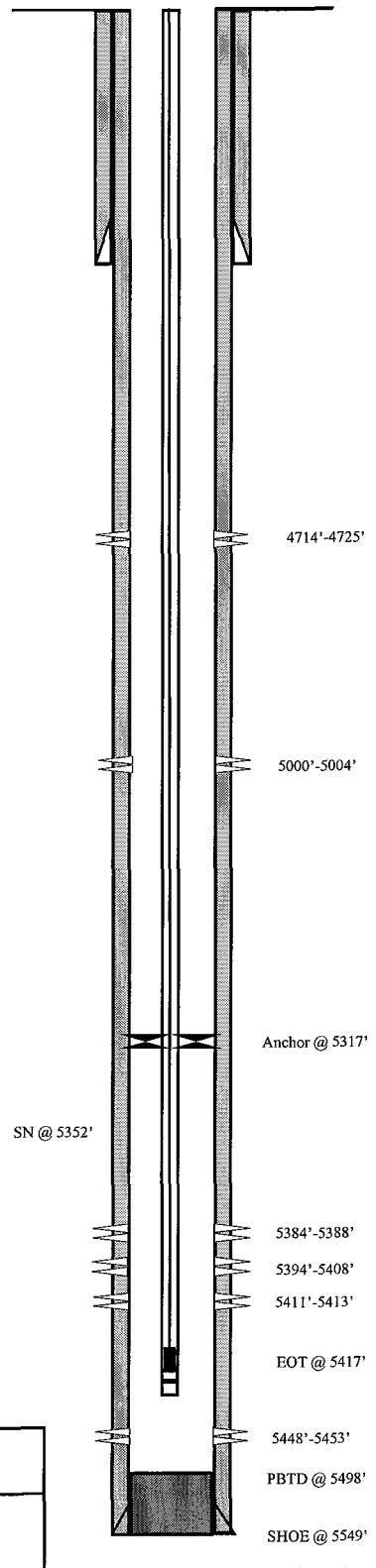
TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 171 jts (5307.28')
TUBING ANCHOR: 5317.28'
NO. OF JOINTS: 1 jt (31.47')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5351.55'
NO. OF JOINTS: 2 jts (63.93')
TOTAL STRING LENGTH: EOT @ 5417.03

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
OTHER RODS: 6 1-1/2" weight bars, 10 3/4" scrapered rods, 107-3/4" plain rods, 90 3/4" scrapered rods, 3-6', 1-2' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Wellbore Diagram



FRAC JOB

12-20-95 4714'-5004' **Frac sand as follows:**
12,978 gals 2% KCL gelled water and 70,040# 16/30 sand. Treated w/avg press of 3300 psi w/avg rate of 34 BPM. ISIP-3800 psi, 5 min 2370 psi. Screened out.

11-15-02 5384'-5453' **Frac new CP sands as follows:**
58,694# 20/40 sand in 472 bbls Viking I-25 fluid. Treated @ avg pressure of 3205 psi w/ ave rate of 16.2 BPM. ISIP-1510 psi.
Calc. Flush: 1399 gals
Actual Flush:1302 gals

PERFORATION RECORD

12-20-95	4714'-4725'	1 JSPF	11 holes
12-20-95	5000'-5004'	1 JSPF	04 holes
11-13-02	5384'-5388'	4 JSPF	16 holes
11-13-02	5394'-5408'	4 JSPF	56 holes
11-13-02	5411'-5413'	4 JSPF	8 holes
11-13-02	5448'-5453'	4 JSPF	20 holes

Inland Resources Inc.

Balcron Monument Federal #12-10Y-9-17

1994 FNL & 618 FWL

SWNW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-31536; Lease #UTU-65210

CE 11/19/02

Attachment E-5

Castle Draw #10-10-9-17

Spud Date: 10/31/82
Put on Production: 12/20/82
GL:5142' KB:

Initial Production: 103 BOPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 332'
HOLE SIZE:
CEMENT DATA: 188 sxs cmt.

PRODUCTION CASING

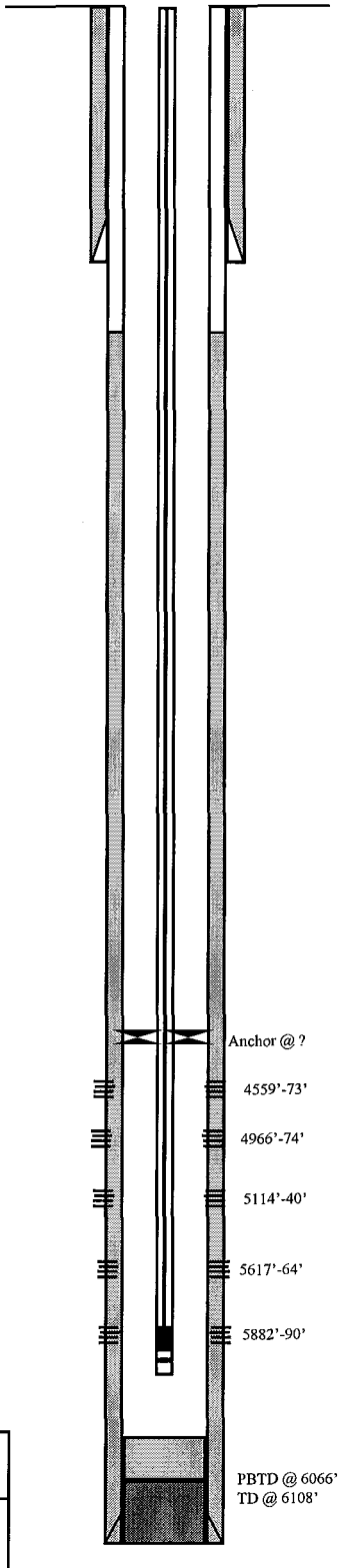
CSG SIZE: 5-1/2"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 6108'
HOLE SIZE:
CEMENT DATA: 916 sks
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-3/8"
NO. OF JOINTS: 4538'
TUBING ANCHOR:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:.
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR



FRAC JOB

SWFR (5882'-5890')	2 SPF - frac w/40,000 gal gel, 99,000# 20/40 sand
SWFR (5617'-5664')	2 SPF - frac w/52,000 gal gel, 141,500# 20/40 sand
SWFR (5114'-5140')	2 SPF - frac w/33,110 gal gel, 48,000# 20/40 sand
SWFR (4966'-4974')	2 SPF - frac w/34,670 gal gel, 108,000# 20/40 sand
SWFR (4559'-4573')	2 SPF - frac w/43,000 gal gel, 108,000# 20/40 sand

PERFORATION RECORD

Inland Resources Inc.

Castle Draw #10-10-9-17

1980 FSL 1980 FEL

NWSE Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-30684

Attachment E-6

Castle Draw #14-10-9-17

Spud Date: 8/31/84
Put on Production: 10/30/84
GL:5191' KB: 5203'

Initial Production: 95 BOPD, NO GAS, 20 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

DEPTH LANDED: 304'

HOLE SIZE: 12 1/4"

CEMENT DATA: 250 sxs cmt.

FRAC JOB

5711'-5828'	Frac w/35,500 gal gel, 76,000# 20/40 sand
5512'-5610'	Frac w/37,838 gal gel, 71,028# 20/40 sand
5336'-5391'	Frac w/42,000 gal gel, 98,000# 20/40 sand
4925'-4938'	Frac w/39,160 gal gel, 107,280# 20/40 sand
3/04/02	Tubing leak. Update rod and tubing details.

PRODUCTION CASING

CSG SIZE: 4-1/2"

DEPTH LANDED: 6097'

HOLE SIZE: 7 7/8"

CEMENT DATA: 1080 sxs cement

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-3/8" / 4.7# / J-55

NO. OF JOINTS: 179 jts. (5748.08')

TUBING ANCHOR: 5762.88'

NO. OF JOINTS: 2 jts. (62.73')

SEATING NIPPLE: 2 3/8" (1.10')

SN LANDED AT: 5826.71'

NO. OF JOINTS: 1 jt. (32.60')

TOTAL STRING LENGTH: EOT @ 5859.71'

SUCKER RODS

POLISHED ROD: 1 1/4" x 22'

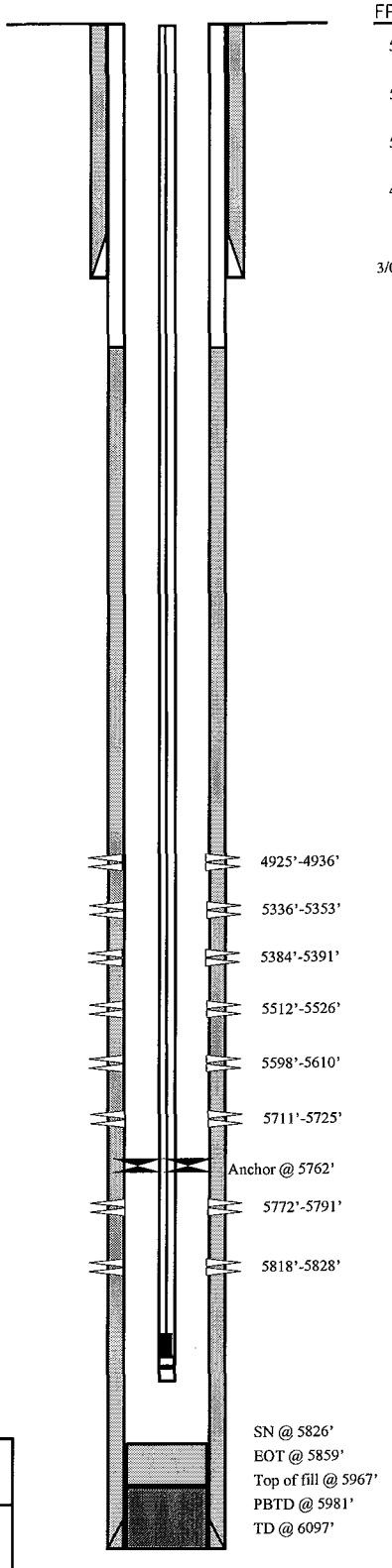
SUCKER RODS: 4 - 1 1/4" wt bars, 12 - 3/4" guided rods, 20 - 3/4" slick rods, 119 - 3/4" guided rods, 76 7/8" guided rods, 2 - 8', 1 - 4' x 7/8" pony rods.

PUMP SIZE: 2" x 1 1/4" x 16' RHAC

STROKE LENGTH: 50"

PUMP SPEED: 5 SPM

LOGS: DLL/Micro SFL, CNL/LDC/GR - EPT



PERFORATION RECORD

5818'-5828'	2 SPF	20 holes
5772'-5791'	2 SPF	38 holes
5711'-5725'	2 SPF	28 holes
5598'-5610'	2 SPF	24 holes
5512'-5526'	2 SPF	28 holes
5384'-5391'	2 SPF	14 holes
5336'-5353'	2 SPF	34 holes
4925'-4936'	2 SPF	22 holes

Inland Resources Inc.

Castle Draw #14-10-9-17

655 FSL & 2005 FWL

SESW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-30994 LEASE: UTU-70821

BDH 3/05/02

Analytical Laboratory Report for:
Inland Production

BJ Unichem Chemical Services
UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: JWL, P\S #2

Lab Test No:	2002403193	Sample Date:	10/14/2002
Specific Gravity:	1.002		
TDS:	554		
pH:	7.50		

Cations:	mg/L	as:
Calcium	64	(Ca^{++})
Magnesium	39	(Mg^{++})
Sodium	46	(Na^{+})
Iron	0.20	(Fe^{++})
Manganese	0.00	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	244	(HCO_3^{-})
Sulfate	90	($SO_4^{=}$)
Chloride	71	(Cl^{-})
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Analytical Laboratory Report for:

Inland Production

BJ Unichem Chemical Services

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Federal , 22-10Y-9-17

Lab Test No:	2002403645	Sample Date:	11/27/2002
Specific Gravity:	1.011		
TDS:	15214		
pH:	8.00		

Cations:	mg/L	as:
Calcium	60.00	(Ca^{++})
Magnesium	36.00	(Mg^{++})
Sodium	5775	(Na^{+})
Iron	4.60	(Fe^{++})
Manganese	0.00	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	488	(HCO_3^{-})
Sulfate	0	($SO_4^{=}$)
Chloride	8850	(Cl^{-})
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water 2) Fed 22-10Y-9-17

Report Date: 12-02-2002

SATURATION LEVEL	
Calcite (CaCO3)	5.10
Aragonite (CaCO3)	4.27
Anhydrite (CaSO4)	0.00399
Gypsum (CaSO4*2H2O)	0.00388
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	4894
Siderite (FeCO3)	438.16
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)	
Calcite (CaCO3)	2.67
Aragonite (CaCO3)	2.54
Witherite (BaCO3)	-7.68
Strontianite (SrCO3)	-2.46
Anhydrite (CaSO4)	-502.72
Gypsum (CaSO4*2H2O)	-575.03
Barite (BaSO4)	-0.697
Hydroxyapatite	-294.71
Iron hydroxide (Fe(OH)3)	< 0.001
Siderite (FeCO3)	1.44
Iron sulfide (FeS)	-0.00689

SIMPLE INDICES	
Langelier	0.835
Stiff Davis Index	0.897

BOUND IONS	TOTAL	FREE
Calcium	62.08	52.47
Barium	0.00	0.00
Carbonate	24.22	5.81
Phosphate	0.00	0.00
Sulfate	45.00	38.30

OPERATING CONDITIONS

Temperature (°F)	120.00
Time(mins)	3.00

UNICHEM - Corporate Office
14505 Torrey Chase Boulevard, Houston, Texas 77014

Attachment "G"

Balcron Federal 22-10Y-9-17
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
5363	5431	5397	1450	0.70	1438	←
5012	5030	5021	2350	0.90	2339	
4689	4699	4694	1990	0.86	1980	
				Minimum	1438	

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.005)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.005.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Attachment G-1 Pg. 1 of 3

BALCRON OIL COMPANY — Completion/Workover Report — Date 8-12-93

Well Balcron Fed. 22-10Y Sec 10 Twp 9S Rng 17E Cnty Uintah State Utah
TD 5824' PBTD 5760' KB 10 GL 5121 Casing: Size 5½ Wt. Range - #/Ft. 15.5 - ____ Depth 5820
TOC ____' Perfs/Open Hole 5363-81, 5409-20, 5426-31,
Present Operation ____

Details 0700; Csg. PSIG 30.
RU western to frac. 16 BBW to Load Csg.
1040; PRESS. test Surface Equip. To 4450 PSIG held OK
1049; start pad 114 BBW Max Press. @ 1850, Rate 26 BPM, 2% KCL

		start sand	Max Rate	Max press.	stage BBLS.
1054;	20/40 2#		26.6	1980	22
1055;	20/40 3#		26.6	1800	23
1056;	20/40 4#		26.5	1760	24
1056;	20/40 5#		26.5	1720	34
1058;	20/40 6#		26.5	1550	61
1100;	16/30 6#		26.4	1500	48
1102;	16/30 7#		26.2	1420	60
1104;	flush		26.9	1820	126

1110; ISIP 1450, 5 MIN. 1290, 10 MIN. 1230, 15 MIN. 1210
Frac. Load to Recover 362 BBW
Break Down Load to Recover 30 BBW
Total Load to Recover 392 BBW (Over)
1130; SWIFD

Costs

Intangible	Daily	Cumulative	Tangible	Daily	Cumulative
Location Restoration			Production Casing/Liners		
Facility - Surface Settlements			Tubing		
Completion Rig	574		Packers, Retainers		
Bits			Wellhead Equipment		
Equipment Rental	225		Valves, Fitting, Line Pipe		
Completion Fluids - Water, etc.	162		Separator		
Logging/Perforating			Heater/Treater		
Stimulation frac	18265		Tanks		
Cementing			Buildings		
Transportation			Pumping Units - Beam, Hydraulic		
Contract Labor			Sucker Rods		
Supervision (Eng./Geol.)			Downhole Pump		
Miscellaneous hot oiler	250		Miscellaneous		

TDC ____ CCC ____ CDC ____ CWC ____ Temp./Weather ____

Operations Supervisor Dale Griffin Report Taken By Jerry

BALCRON OIL COMPANY — Completion/Workover Report — Date 8-07-93

Well Balcron Fed. 22-10Y Sec 10 Twp 9S Rng 17E Cnty Duchesne State Utah
TD 5824' PBTD 5760' KB 10 GL 5121 Casing: Size 5½ Wt. Range - #/Ft. 15.5 - ____ Depth 5820
TOC ____ Perfs/Open Hole 5363-81, 5408-20, 5428-31, 5512-30
Present Operation TIH w/TBG to 5000

Details 0500: RU western to frac. Csg. psig 95
0750: press. test surface Equip. to 5000 PSIG OK
0755: start frac. pad 107 Bbl Max Rate 26 BPM, Max press. 2430

		Max Rate	Max press.	Slurry Volume	
0759:	START SAND				
	2# 20/40	26 BPM	2440	22	
0800	3# "	25.8	2450	23	
0801	4# "	26	2470	31	
0802	5# "	26	2440	32	
0804	6# "	25.8	2390	45	
0805	6# 16/30	25.7	2200	61	
0808	7# 16/30	25.8	2100	41	
0809	start flush	26.1	2650	118	
0814	frac. Complete				
	ISIP 2350; 5 MIN, 2180, 10 MIN, 2030, 15 MIN. 1940				
0830	RU Cutter wire line to set BP & perf.				
0945:	set BP at 4750 KB, 1045: perf 4689-99 KB. w/2 SPF				
1100:	TIH w/pkr. & tbg set pkr. at 4630 KB.				

(Over)

Costs

Intangible	Daily	Cumulative	Tangible	Daily	Cumulative
Location Restoration			Production Casing/Liners		
Facility - Surface Settlements			Tubing		
Completion Rig	1130		Packers, Retainers		
Bits			Wellhead Equipment		
Equipment Rental	225		Valves, Fitting, Line Pipe		
Completion Fluids - Water, etc.	477		Separator		
Logging/Perforating	2407		Heater/Treater		
Stimulation	~~23803~~	25803	Tanks		
Cementing			Buildings		
Transportation			Pumping Units - Beam, Hydraulic		
Contract Labor Portailer	440		Sucker Rods		
Supervision (Eng./Geol.)			Downhole Pump		
Miscellaneous BP	479		Miscellaneous		

TDC ____ CCC ____ CDC ____ CWC ____ Temp./Weather ____

Operations Supervisor Dale Griffin Report Taken By JOK

Balcron fed. 22-10Y 8-17-93

1208; press. surface Equip to 4000 PSIG OK
1210; start Break Down, Break at 3100 PSIG, Break Back to 2100 PSIG at 2.7 BPM, start 1 Ballper Bow
1225; HH HH HH HH Ball off to 3200 PSIG, surg Ball Back.
1255 pump for Rate 5.3 BPM at 2300 PSIG, ISIP 1650

1432 RU to frac. press. test surface Equip to 4200 PSI, OK
1435 start pad 60 Bow, Rate 20.5, Max press. 2250

	SAND	Max Press.	Max Rate	BBL. Slurry.
1439	2# 16/30	2340	20.5	13
1440	3# 16/30	2360	20.5	14
1441	4# 16/30	2240	20.7	15
1441	5# 16/30	2220	20.4	16
1442	6# 16/30	2200	20.4	53
1445	7# 16/30	2190	20.1	20
1448	flush	2290	20.0	111

frac. Complete. ISIP. 1990, 5 MIN. 1730, 10 MIN. 1680, 15 MIN. 1660
1515; SWIFN

Total Load used 809 Bow

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4595'.
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class G cement.
3.	Plug #2	Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4.		RU perforators and perforate with 4 shots at 305'.
5.	Plug #3	Circulate 95 sx Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus from 305' to surface.

The approximate cost to plug and abandon this well is $33,025.

Attachment H-1

Balcron Federal #22-10Y-9-17

Spud Date: 7-25-93
Put on Production: 8-30-93
GL: 5121' KB: 5131'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 5 jts.
DEPTH LANDED: 254.85
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sx Premium, est 7-8 bbls cmt to surface

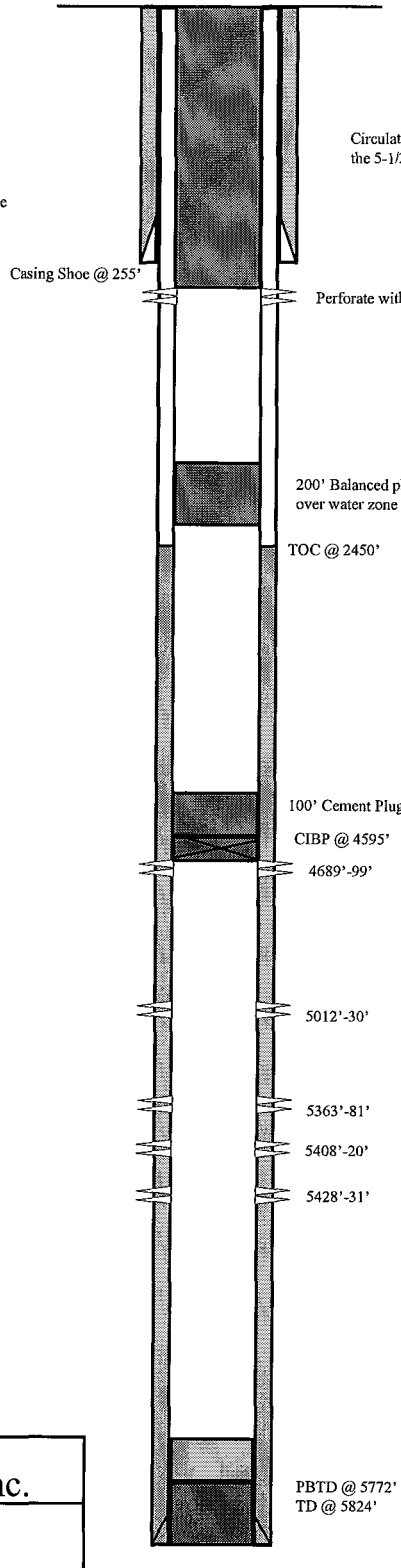
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5824')
DEPTH LANDED: 5820'
HOLE SIZE: 7-7/8"
CEMENT DATA: 154 sx Thrifty-Lite & 258 sx 50/50 Poz
CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 4.6# / J-55
NO. OF JOINTS: 149 jts
TUBING PACKER: 4650'
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4648'
TOTAL STRING LENGTH: EOT @ 4650'

Proposed P&A
Wellbore Diagram



Inland Resources Inc.

Balcron Federal #22-10Y-9-17

1980 FNL & 1980 FWL

SE/NW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-31395; Lease #U-65210

MC 1/21/03

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
http://www.epa.gov/region08

DEC - 5 2003

RECEIVED
DEC 0 8 2003
DIV. OF OIL, GAS & MINING

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. David Gerbig
Operations Engineer
Inland Production Co.
410 Seventeenth Street - Suite 700
Denver, CO 80202

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

RE: ADDITIONAL WELL TO CASTLE DRAW AREA PERMIT UT20776-00000
Balcron Federal No. 22-10Y-9-17
UT20776-06164
SE NW Sec. 10 - T9S - R17E
Duchesne County, Utah

Dear Mr. Gerbig:

The Inland Production Co. (Inland) request **to convert** a former Green River Formation oil well, the Balcron Federal No. 22-10Y-9-17, to an enhanced recovery injection well in the Castle Draw Area Permit is hereby authorized. The proposed Balcron Federal No. 22-10Y-9-17 Class II enhanced recovery injection well is within the exterior boundary of Castle Draw Area Permit UT20776-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c) and the terms of the Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Area Permit will apply to the conversion, operation, monitoring, and plugging and abandonment of the Balcron Federal No. 22-10Y-9-17.

Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Inland submit for review and approval (1) the results of a **Part I (Internal) mechanical integrity test** (MIT), (2) a **pore pressure** calculation of the injection interval, (3) an **EPA Form No. 7520-12** (Well Rework Record, enclosed).

Because the cement bond log submitted for this well did not show an adequate interval of annulus cement through the confining zone, the operator shall be required to demonstrate Part II (External) MIT within a 180-day Limited Authorization To Inject. This demonstration may be made by a Temperature Survey, Noise Log, or Oxygen Activation Log, and Region 8 may accept results from a Radioactive Tracer Survey under certain circumstances. A limited period of authorization to inject is for the purpose of stabilizing the injection zone prior to this demonstration.

Copies of Guidance 37 (Demonstrating Part II External Mechanical Integrity) and a Region 8 Guideline for Conducting a Temperature survey are enclosed.

Pursuant to Part II. Section C. Condition No. 5, (Injection Pressure Limitation), Castle Draw Area Permit UT20776-00000, the maximum initial surface injection pressure (MIP) shall not exceed 2137 psig. Using the minimum fracture gradient cited from three (3) sand/frac treatments (0.70 psi/ft) and the shallowest perforation, the EPA has calculated an MIP of 1241 psig, **rounded down to 1240 psig**. The Castle Draw Area Permit, Part II. C. 5., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

Please be aware that Inland does not have authorization to begin injection into the Balcron Federal No. 22-10Y-9-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Inland has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Inland Production Co. has any questions, please call Mr. Dan Jackson at (800) 227-8917 (Ext. 6155). Please submit the required pre-authorization to inject data to **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and
Regulatory Assistance

enclosures: EPA Form No. 7520-12 (Well Rework Record)
Authorization For Conversion of An Additional Well
Guidance No. 37: Mechanical Integrity External
Temperature Survey Guidance

cc w/ encl: Ms. Maxine Natchees
Chairwoman
Uintah & Ouray Business Council
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

Mr. Mike Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84502

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
Vernal, UT 84078

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 500
DENVER, CO 80202-2466

AUTHORIZATION FOR AN ADDITIONAL WELL
TO THE
CASTLE DRAW AREA PERMIT: UT20776-00000

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Castle Draw Area Permit No. UT20776-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: BALCRON FEDERAL NO. 22-10Y-9-17

WELL PERMIT NUMBER: UT20776-06164

SURFACE LOCATION: 1980' FNL & 1980' FWL (SE NW)
Sec. 10 - T9S - R17E
Duchesne County, Utah.

This well is subject to all provisions of the original Area Permit (UT20776-00000), and subsequent Modifications, unless specifically detailed below:

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the USDW in the Balcron Federal No. 22-10Y-9-17 occurs within the Uinta Formation approximately **50 feet** from ground level (GL). The source for the location of the base of the USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **254 feet** ground level (GL) and cemented to the surface.

CONFINING ZONE REVIEW: BALCRON FEDERAL NO. 22-10Y-9-17

The Garden Gulch Member of the Green River Formation was added as an injection zone, by a February 5, 1999, Permit Modification. In the Balcron Federal No. 22-10Y-9-17, the EPA identifies the confining zone directly overlying the top of the Garden Gulch as a thirty-foot thick silty, black organic shale from **3510 feet to 3540 feet** (CBL/GR).

An EPA analysis of the Balcron Federal No. 22-10Y-9-17 CBL/GR did not identify any 80% bond index cement bond through the Garden Gulch confining zone, pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34: Cement Bond Logging Techniques and Interpretation. Therefore, it **has not been determined** that the cement in this well provides an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore, pursuant to 40 CFR 146.8 (a) (2). The permittee will be required to demonstrate Part II Mechanical Integrity (MI) within a 180-day period of limited

authorization. Part II External MI which may be demonstrated using a temperature survey, noise log., or oxygen activation log, and Region 8 may accept results of a radioactive tracer survey under certain circumstances ((see the enclosed GROUND WATER SECTION GUIDANCE NO. 37, Demonstrating Part II (External) Mechanical Integrity for a Class II Injection Well Permit)).

INJECTION ZONE REVIEW: BALCRON FEDERAL NO. 22-10Y-9-17

By Minor Permit Modification (February 5, 1999), the Castle Draw Area Permit authorized the combined gross intervals of the Garden Gulch and the Douglas Creek Members of the Green River Formation as the approved injection zone.

By a Major Permit Modification No. 2, effective September 9, 2003, the Basal Carbonate Member of the Green River Formation was added as an enhanced recovery injection interval to the Castle Draw Permit area. The Inland Federal No. 1-26 (UT20702-04671) was also designated as the TYPE WELL for correlation to determine the tops of all authorized injection intervals within the exterior boundary of the Castle Draw Area Permit. The gross modified injection interval, in the Federal No. 1-26, is from the top of the Garden Gulch Member (4164 feet) to the top of the Wasatch Formation (6515 feet).

For the **Balcron Federal No. 22-10Y-9-17**, the gross correlative Green River Formation enhanced injection recovery interval is from a Garden Gulch top of **3540 feet to the top of the Wasatch Formation (Estimated to be 6100 feet).**

WELL CONSTRUCTION REVIEW: BALCRON FEDERAL NO. 22-10Y-9-17

SURFACE CASING: 8-5/8 inch casing is set at 254.85 feet from ground level (GL) in a 12-1/4 inch hole, using 150 sacks of Premium cement circulated to the surface. The base of the USDWs is approximately fifty (50) feet from ground level.

LONGSTRING CASING: 5-1/2 inch casing is set at 5820 feet in a 7-7/8 inch hole, and cemented with 154 sacks of Thrifty-Lite cement and 258 sacks of 50/50 pozmix cement with cement additives.

The operator identifies the top of cement at 2450 feet.

The EPA analysis of the CBL/GR shows that the shallowest interval of 80% cement bond index is from 4686 feet to 4703 feet.

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer: (Condition 3)

For injection purposes, the **Balcron Federal No. 22-10Y-9-17** will be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging: (Condition 6)

(a) Upon conversion of the **Balcron Federal No. 22-10Y-9-17,** the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.

(b) A **step-rate test (SRT)**shall be performed on the **Balcron Federal No. 22-10Y-9-17** within three (3) to six (6) months after injection operations were initiated. The results shall be submitted to the EPA. The permittee will contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

PART II. B.

Corrective Action:

At this time, there are two (2) producing Green River oil wells, one (1) staked Green River location, and one (1) drilled and abandoned Green River test within one-quarter (1/4) mile of the proposed injection well:

DOUGLAS CREEK MEMBER OIL WELLS

BALCRON MONUMENT FEDERAL 12-10Y-9-17 SW NW Sec. 10-T9S-R17E
Top Garden Gulch Member: 3562 feet
Garden Gulch Confining Zone: 3532 feet to 3562 feet
Top 80% EPA cement bond: 3432 feet to 3500 feet
80% Bond Index Cement Bond in Confining Zone: 3512 feet to 3574 feet.

The 80% bond index cement bond should prevent upward movement of injected fluids through vertical channels adjacent to the wellbore. If surface leakage is observed at the surface of this location, the operator will immediately suspend injection operations into the Balcron Federal No. 22-10Y-9-17. The Balcron Federal No. 22-10Y will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

BALCRON MONUMENT FEDERAL NO. 21-10Y-9-17 NE NW Sec. 10-T9S-R17E
Top Garden Gulch Member: 3541 feet
Garden Gulch Confining Zone: 3488 feet to 3541 feet
Top 80% EPA cement bond: 4220 feet to 4450 feet

The lack of Confining Zone 80% cement bond may not prevent upward movement of injected fluids through vertical channels adjacent to the wellbore. The permittee will be required to inspect the surface of this facility for fluid leaks on a weekly basis. Upon observing surface leakage, the operator will immediately suspend injection operations into the Balcron Federal No. 22-10Y-9-17. The Balcron Federal No. 22-10Y-9-17 will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

STAKED LOCATION: GREEN RIVER FORMATION TEST

NO. 11-10 NE SW Sec. 10-T9S-R17E

DRILLED AND ABANDONED: GREEN RIVER FORMATION TEST

MONUMENT FEDERAL NO. NO. 32-10-9-17 SW NE Sec. 10-T9S - R17E
Well abandonment witnessed and approved by representative of the Bureau of Land Management, Vernal, Utah on April 26, 1996.

PART II. C.

Prior to Commencing Injection (Additional Wells): (Condition 2)

BALCRON FEDERAL NO. 22-10Y-9-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

- A successful **mechanical integrity test (MIT)** demonstrating Part I (Internal) MI (Enclosed);
- a **pore pressure calculation** of the proposed injection zone; and an
- EPA Form No. 7520-12 (**Well Rework Record**, enclosed).

Confirmation that the injectate will be confined to the authorized injection zone: It has not been determined that the annulus cement in this well provides an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore (Part II MI), pursuant to 40 CFR 146.8 (a) (2). Within a 180-day LIMITED AUTHORIZATION INJECTION PERIOD, the permittee shall demonstrate Part II MI. Part II MI may be demonstrated by using methods as described in the enclosed **GROUND**

WATER SECTION GUIDANCE NO. 37: Demonstrating Part II (External Mechanical Integrity for a Class II Injection Well Permit).

Please be advised that all tests will be conducted following current EPA Guidelines. Deviations from those Guidelines, without written approval of the Director, may result in denial of the survey/test.

Injection Interval: (Condition 4)

Injection shall be limited to the **gross Garden Gulch- Douglas Creek-Basal Carbonate Members of the Green River Formation 3540 feet** (KB) (CBL/GR) **to the top of the Wasatch Formation estimated to be 6100 feet.**

Injection Pressure Limitation: (Condition 5)

Pursuant to Final Area Permit UT20776-00000, Part II. Section C. 5. (b). the maximum surface injection pressure (MIP) shall not exceed 2137 psig. Until such time that a step-rate injectivity test (SRT) has been performed, reviewed, and approved by the EPA, the initial maximum surface injection pressure **(MIP)** for the **Balcron Federal No. 22-10Y-9-17** shall not exceed **1240 psig.**

MIP = [FG - (0.433)(SG) D

FG = 0.70 psi/ft. Minimum value of 3 sand/frac treatments
SG = 1.005
D = 4689 feet. Top perforation.

MIP = [0.70 - (0.433)(1.005) 4689

MIP = 1241 psig, **but adjusted to 1240 psig.**

Final Area Permit (UT20776-00000), has a provision whereby the operator may request an increase, or decrease, in the maximum surface injection pressure.

PART II. F.

Demonstration of Financial Responsibility: (Condition 1)

The applicant has chosen to demonstrate financial responsibility for the Balcron Federal No. 22-10Y-9-17 within a Schedule A - Standby Trust Agreement, that has been reviewed and approved by the EPA.

PART III. E.

Reporting of Noncompliance: (Condition 10)

(a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with Permit requirements.

(b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted **no later than thirty (30) days following each schedule date.**

(c) Written Notice of any noncompliance which may endanger health or the environment **shall be reported to the Director within five (5) days** of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: (Condition 11)

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning **1.800.227-8917** and asking for the **EPA Region VIII UIC Program Compliance and Enforcement Director**, or by contacting the **Region VIII Emergency Operations Center at 303.293.1788** if calling from outside the EPA Region VIII. The following information shall be included in the verbal report:

(a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.

(b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: (Condition 12)

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) at 1.800.424.8802, or 202.267.2675**, or through the **NRC website at http://www.nrc.uscg.mil/index.htm**.

Other Noncompliance: (Condition 13)

The operator shall report all other instances of noncompliance not otherwise reported at the time of monitoring reports are submitted. The reports shall contain the information listed in Part III. 10. c. ii. of this Permit.

Other Information: (Condition 14)

Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2) submitted by the applicant has been reviewed and approved with a modification, by the EPA, of Plug No.4. The P&A Plan, as modified, is consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between all cement plugs.

PLUG NO. 1: Set a Cast Iron Bridge Plug (CIBP) at 4595 feet. Set a 100-foot cement plug on top of the CIBP (Approximately 4595 feet to 4495 feet).

PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet.

PLUG NO. 3: Set a cement plug inside of the 5-1/2 inch casing from the surface to a depth of 304 feet.

PLUG NO. 4: Set a cement plug in the 8-5/8 inch X 5-1/2 inch annulus from the surface to a depth of 304 feet.

This authorization for well conversion of the Balcron Federal No. 22-10Y-9-17 to an enhanced recovery injection well becomes effective upon signature.

Date: DEC - 5 2003

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Form Approved OMB No. 2040-0042. Expires 6-30-98

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

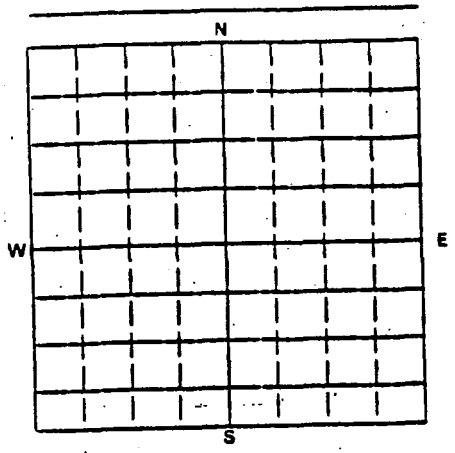
EPA

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR

STATE	COUNTY	PERMIT NUMBER

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



SURFACE LOCATION DESCRIPTION
___ 1/4 of ___ 1/4 of ___ 1/4 of ___ 1/4 of Section___ Township___ Range___

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location ____ ft. from (N/S) ____ Line of quarter section

and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY	Total Depth Before Rework	TYPE OF PERMIT
☐ Brine Disposal ☐ Enhanced Recovery ☐ Hydrocarbon Storage	Total Depth After Rework	☐ Individual ☐ Area Number of Wells ____
Lease Name	Date Rework Commenced	Well Number
	Date Rework Completed	

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD — AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE *(Please type or print)*	SIGNATURE	DATE SIGNED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 37
Demonstrating Part II (external) Mechanical Integrity for a Class II injection well permit.

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

During the review for a Class II injection well permit, consideration must be given to the mechanical integrity (MI) of the well. MI demonstrates that the well is in sound condition and that the well is constructed in a manner that prevents injected fluids from entering any formation other than the authorized injection formation.

A demonstration of MI is a two part process:

PART I - **INTERNAL MECHANICAL INTEGRITY** is an assurance that there are no significant leaks in the casing/tubing/packer system.

PART II - **EXTERNAL MECHANICAL INTEGRITY** demonstrates that after fluid is injected into the formation, the injected fluids will not migrate out of the authorized injection interval through vertical channels adjacent to the wellbore.

A Class II injection well may demonstrate Part II MI by showing that injected fluids remain within the authorized injection interval. This may be accomplished as follows:

1) Cement bond log showing 80% bond through the an appropriate interval (Section Guidance 34),

2) Radioactive tracer survey conducted according to a EPA-approved procedure, or

3) Temperature survey conducted according to a EPA-approved procedure (Section Guidance 38).

For each test option above, the operator of the injection well should submit a plan for conducting the test. The plan will then be approved (or modified and approved) by EPA. EPA's pre-approval of the testing method will assure the operator that the

test is conducted consistent with current EPA guidance, and that the test will provide meaningful results.

Part II MI may be demonstrated either before or after issuing the Final Permit. However, if Part II is to be demonstrated after the Final Permit is issued, a provision in the permit will require the demonstration of Part II MI. The well will also be required to pass Part II MI prior to granting authorization to inject.

Radioactive tracer surveys and temperature surveys require that the well be allowed to inject fluids as part of the procedure. In these cases, a well that has shown no other demonstration of Part II MI will be allowed to inject only that volume of fluid that is necessary to conduct the appropriate test.

After the results of the test proves that the well has passed Part II MI, the well will be given authorization to begin full injection operations.

If any of the tests show a lack of Part II MI, the well will be repaired and retested, or plugged (See Headquarters Guidance #76).

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

TEMPERATURE LOGGING FOR MECHANICAL INTEGRITY

January 12, 1999

PURPOSE:

The purpose of this document is to provide a guideline for the acquisition of temperature surveys, a procedure that may be used to determine the internal mechanical integrity of tubing and casing in an injection well. A temperature survey may be used to verify confinement of injected fluids within the injection formation.

LOGGING PROCEDURE

Run the temperature survey while going into the hole, with the temperature sensor located as close to the bottom of the tool as possible. The tool need not be centralized.

Record temperatures a 1-5 °F per inch, on a 5 inches per 100 feet log scale.

Logging speed should be within 20 - 30 feet per minute.

Run the log from ground level to total depth (or plug-back depth) of the well.

When using digital logging equipment, use the highest digital sampling rate as possible. Filtering should be kept to a minimum so that small scale results are obtained and preserved.

Record the first log trace while injecting at up to the maximum allowed injection pressure. Subsequent to the temperature survey, the maximum injection pressure will be limited to the pressure used during the survey.

LOG TRACES

Log the first log trace while the well is actively injecting, and record traces for gamma ray, temperature, and differential temperature.

Shut-in (not injecting) temperature curves should be recorded at intervals depending on the length of time that the injection well has been active. Preferred time intervals are shown in the following table:

Active Injection	Record Curves at These Times (In Hours)				
1 month	1	3	6	12	
6 months	1	6	10-122	22-24	
1 year	1	10-12	22-24	45-48	
5 years	1	10-12	22-24	45-48	90-96
10 years or more	1	22-24	45-48	90-96	186-192

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU78560X BLCK JCK

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: BLACKJACK UNIT

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: BALCRON FEDERAL 22-10Y

2. NAME OF OPERATOR: Inland Production Company

9. API NUMBER: 4301331395

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: Monument Butte

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1980 FNL 1980 FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NW, 10, T9S, R17E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER
01/08/2004	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was converted from a producing to an injection well on 12/24/03. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4616'. On 1/6/04 Mr. Dan Jackson was notified of the intent to conduct a MIT on the casing. On 1/6/04 the casing was pressured to 1240 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE Krisha Russell) TITLE Production Clerk

SIGNATURE Krisha Russell DATE January 08, 2004

(This space for State use only)

RECEIVED
JAN 0 9 2004
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 01 / 6 / 04
Test conducted by: Shon Scott McKinnon
Others present: _____

Well Name: Federal 22-10Y-9-17 Type: ER SWD Status: AC TA UC
Field: Black Jack Unit : GTU78560X
Location: SE/NW ; Sec: 10 T 9 N / (S) R 17 (E) W County: Duchesne State: Utah
Operator: Inland Production Co.
Last MIT: / / Maximum Allowable Pressure: 1,240 PSIG

Is this a regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [X] Yes [ ] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] No If yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial pressure	710# psig	psig	psig
End of test pressure	710# psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	1,240# psig	psig	psig
5 minutes	1,240 psig	psig	psig
10 minutes	1,240 psig	psig	psig
15 minutes	1,240 psig	psig	psig
20 minutes	1,240 psig	psig	psig
25 minutes	1,240 psig	psig	psig
30 minutes	1,240 psig	psig	psig
____ minutes	~ psig	psig	psig
____ minutes	~ psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff: _____ Date: ___/___/___

Do you agree with the reported test results? [ ] YES [ ] NO

If not, why? _____

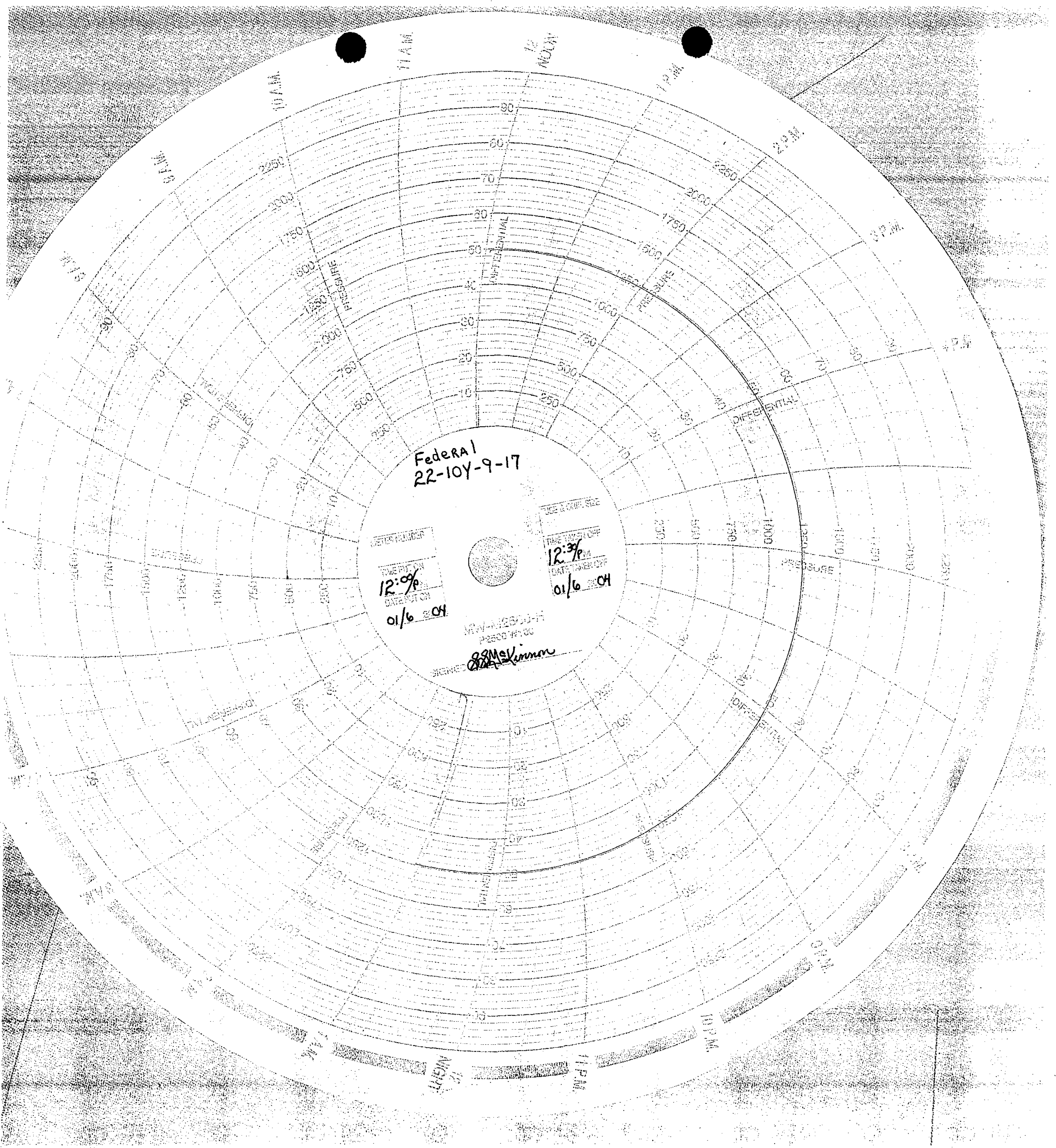
Possible violation identified? [ ] YES [ ] NO

If YES, what _____

If YES - followup initiated? [ ] YES _____

[ ] NO - why not? _____

[ ] Data Entry [ ] Compliance Staff [ ] 2nd Data Entry [ ] Hardcopy Filing


Federal
22-10Y-9-17
METER NUMBER
TIME PUT ON
12:00 P
DATE PUT ON
01/6 04
TUBE & ORIF. SIZE
TIME TAKEN OFF
12:30 P
DATE TAKEN OFF
01/6 04
SIGNED
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
10 P.M.
11 P.M.
12 NIGHT
PRESSURE
DIFFERENTIAL

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
http://www.epa.gov/region08

JAN 20 2004

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. David Gerbig
Operations Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: **180-Day Limited Authorization to Inject**
Balcron Federal No. 22-10Y-9-17
EPA Well Permit No. UT20776-06164
SE NW Sec.10 - T9S - R17E
Duchesne County, Utah

Dear Mr. Gerbig:

The January 8, 2004 Inland Production Company (Inland) submission of **Prior to Commencing Injection** documents did contain all information required to fulfill the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements, as stated in the **Authorization for an Additional Well to the Castle Draw Area Permit (UT20776-06164**: Part II, Section C. Condition 2). The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and the injection zone pore pressure. All data was reviewed and approved by the EPA on January 12, 2004.

The EPA is hereby **authorizing injection into the Balcron Federal No. 22-10Y-9-17 for a limited period of up to one hundred and eighty (180) calendar days effective upon receipt of this letter**, herein referred to as the **"Limited Authorized Period"**.

Because the cement bond log submitted for this well did not show any cement across the confining zone overlying the Garden Gulch Member, **the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Injection Period"**. Approved tests for demonstrating Part II (External) MI include a Temperature Log, a Noise Log, an Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Injection Period" allows injection for the purpose of stabilizing the injection formation pressure prior to demonstrating Part II (External) MI, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zone, and tests rely on stable formation pressure. Results of any Part II (External) MI Test shall be submitted to Mr. Jackson. Upon

RECEIVED
JAN 23 2004
DIV. OF OIL, GAS & MIN

review and approval of the Part II (External) MI Test, the Director will authorize, by letter, continuation of injection into the Balcron Federal No. 22-10Y-9-17.

Copies of Region 8 Guidelines for conducting Part II (External) Mechanical Integrity Tests are enclosed with this letter.

An initial maximum surface injection pressure (MSIP) **not to exceed 1240 psig** was determined for the Balcron Federal No. 22-10Y-9-17 on December 5, 2003. Should the operator apply for an increase to the MSIP at any future date, another demonstration of Part II (External) MI must be conducted in addition to a Step-Rate Test. The operator must receive prior authorization from the Director in order to inject at pressures greater than the permitted MSIP during the test(s).

If you have any questions in regard to the above action, please contact Dan Jackson at 1.800.227.8917 (Ext. 6155). Results from the Temperature Log, or other Part II MI test, should be mailed directly to the **ATTENTION: DAN JACKSON**, at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,

Sandra A. Stavnes
Director
Ground Water Program

enclosure: EPA Guideline No. 37: Part II (External) MI
EPA Guideline for Temperature Logging
Oxygen Activation Logging
Radioactive Tracer Survey

cc w/ encl: Mr. Mike Guinn
Vice President of Operations
Inland Production Company
Route 3 - Box 4630
Myton, UT 84502

cc w/o encl: Ms. Maxine Natchees, Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-0581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser, 8ENF-UFO

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
BLACKJACK

1. Type of Well
[ ] Oil Well [ ] Gas Well [X] Other

8. Well Name and No.
FEDERAL 22-10Y

9. API Well No.
43-013-31395

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UT

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FNL 1980 FWL SE/NW Section 10, T9S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Report of first injection**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was put on injection at 12:30 p.m. on 1/29/04.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
FEB 02 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 1/30/2004

Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU65210
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
BLACKJACK UNIT
8. WELL NAME and NUMBER:
BALCRON FEDERAL 22-10Y
9. API NUMBER:
4301331395
10. FIELD AND POOL, OR WILDCAT:
Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, c drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

2. NAME OF OPERATOR: Inland Production Company

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NW, 10, T9S, R17E STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
07/19/2004	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Step Rate Test
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on July 16, 2004. Results from the test indicate that the fracture gradient is .789 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1305 psi.

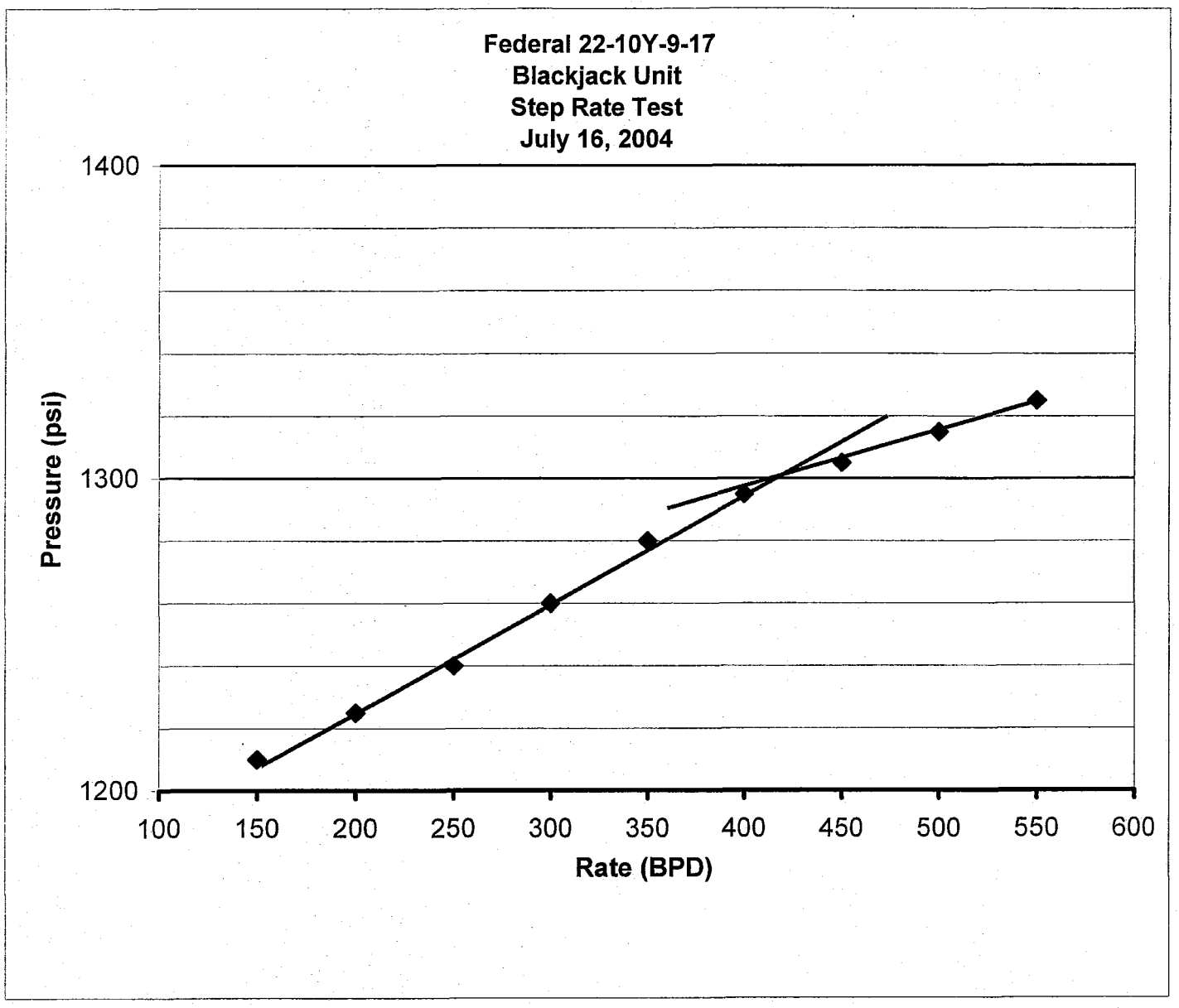
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JUL 20 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE Mike Guinn TITLE Engineer

SIGNATURE _____ DATE July 19, 2004

(This space for State use only)



Start Pressure:	1175	psi
Instantaneous Shut In Pressure (ISIP):	1320	psi
Top Perforation:	3689	feet
Fracture pressure (Pfp):	1305	psi
FG:	0.789	psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	1185
2	100	1200
3	150	1210
4	200	1225
5	250	1240
6	300	1260
7	350	1280
8	400	1295
9	450	1305
10	500	1315
11	550	1325

FEDERAL
22-10Y-9-17
METER NUMBER
TIME PUT ON
DATE PUT ON
07/16/2014
TIME TAKEN OFF
DATE TAKEN OFF
07/16/2014
TUBE & ORIFICE SIZE
MW-M2500-H
P2500 W100
SIGNED
PRESSURE
DIFFERENTIAL
12 A.M.
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 P.M.
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7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

UTSL-

071572A
065914

UTU-

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027345
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038797
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063597A
075174
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096550

10760
11385
13905
15392
15855
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16539
16544
17036
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68528A
72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See Attached List	
Location of Well	Field or Unit Name
Footage : County :	See Attached List
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: [signature]
Title: Petroleum Services Manager

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — **Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:** **BLACKJACK (GR)**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
TAR SANDS FED 4-33	33	080S	170E	4301331664	12704	Federal	OW	P	
TAR SANDS FED 5-33	33	080S	170E	4301331665	12704	Federal	WI	A	
TAR SANDS FED 12-33	33	080S	170E	4301331757	12704	Federal	OW	P	
TAR SANDS FED 6-33	33	080S	170E	4301331814	12704	Federal	OW	P	
TAR SANDS FED 7-33	33	080S	170E	4301331860	12704	Federal	WI	A	
TAR SANDS FED 11-33	33	080S	170E	4301331861	12704	Federal	WI	A	
TAR SANDS FED 10-33	33	080S	170E	4301331884	12704	Federal	OW	P	
TAR SANDS FED 15-33	33	080S	170E	4301331890	12704	Federal	OW	P	
FEDERAL 24-3Y	03	090S	170E	4301331397	12704	Federal	WI	A	
MON FED 14-3-9-17Y	03	090S	170E	4301331535	12704	Federal	OW	P	
PAIUTE FED 32-4R-9-17	04	090S	170E	4301330674	12704	Federal	NA	DRL	K
FEDERAL 44-4Y	04	090S	170E	4301331452	12704	Federal	WI	A	
ALLEN FED 43-5R-9-17	05	090S	170E	4301330720	12704	Federal	NA	DRL	K
MON FED 31-5-9-17	05	090S	170E	4301331680	12704	Federal	WI	A	
FEDERAL 31R-9H	09	090S	170E	4301331107	12704	Federal	WI	A	
CASTLE DRAW 10-10-9-17	10	090S	170E	4301330684	12704	Federal	OW	P	
CASTLE DRAW 14-10	10	090S	170E	4301330994	12704	Federal	OW	P	
FEDERAL 22-10Y	10	090S	170E	4301331395	12704	Federal	WI	A	
BALCRON MON FED 12-10-9-17Y	10	090S	170E	4301331536	12704	Federal	OW	P	
BALCRON MON FED 21-10-9-17Y	10	090S	170E	4301331537	12704	Federal	OW	P	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-65210

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
BLACKJACK UNIT

1. Type of Well
☑ Oil Well ☐ Gas Well ☒ Other WIT

8. Well Name and No.
BALCRON FEDERAL 22-10Y

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301331395

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FNL 1980 FWL

SENW Section 10 T9S R17E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Step Rate Test
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A step rate test was conducted on the subject well on November 9, 2006. Results from the test indicate that the fracture gradient is .742 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1440 psi.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
NOV 16 2006
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Chevenne Bateman

Title
Well Analyst Foreman

Signature

Date
11/14/2006

Approved by

Title

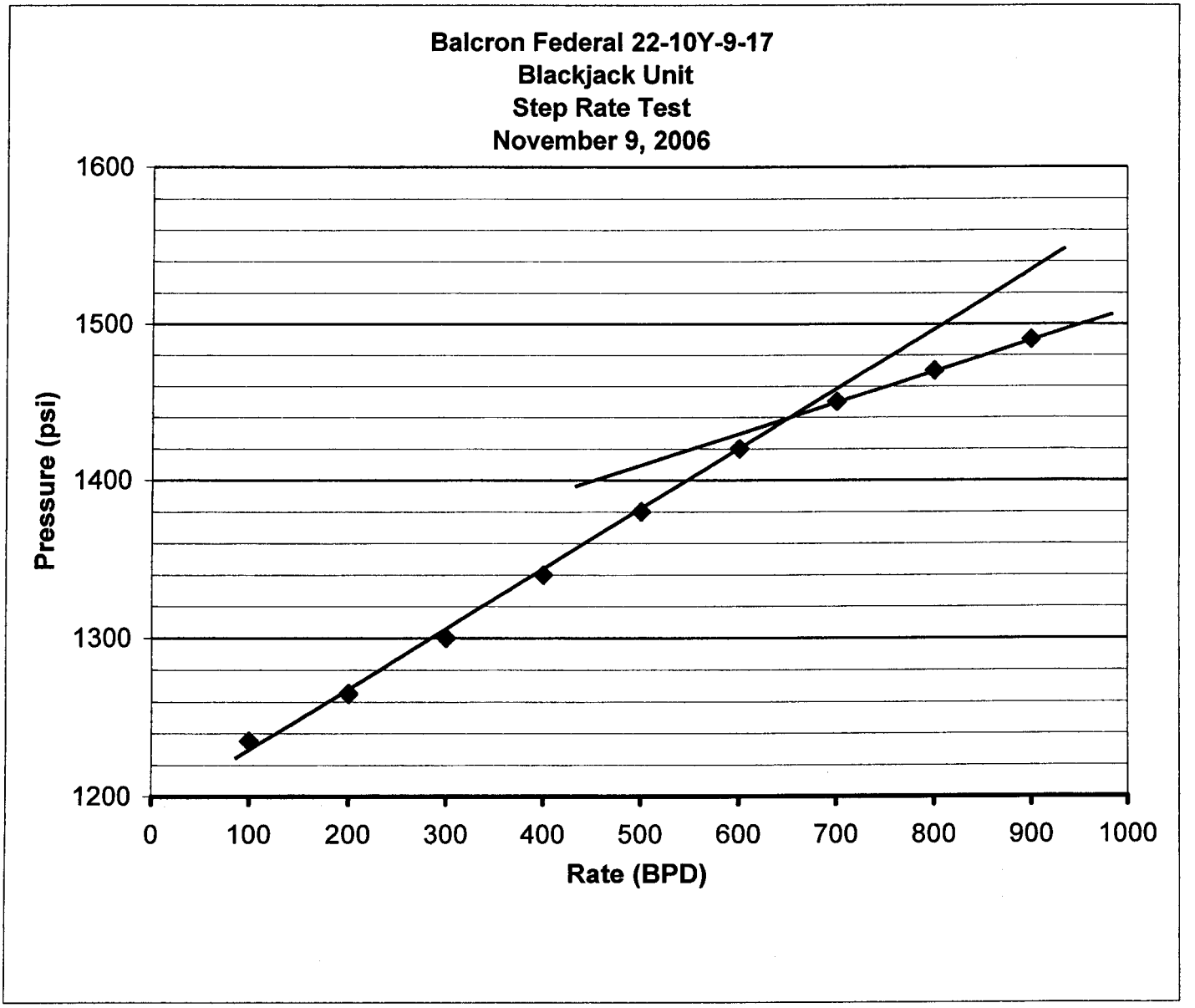
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

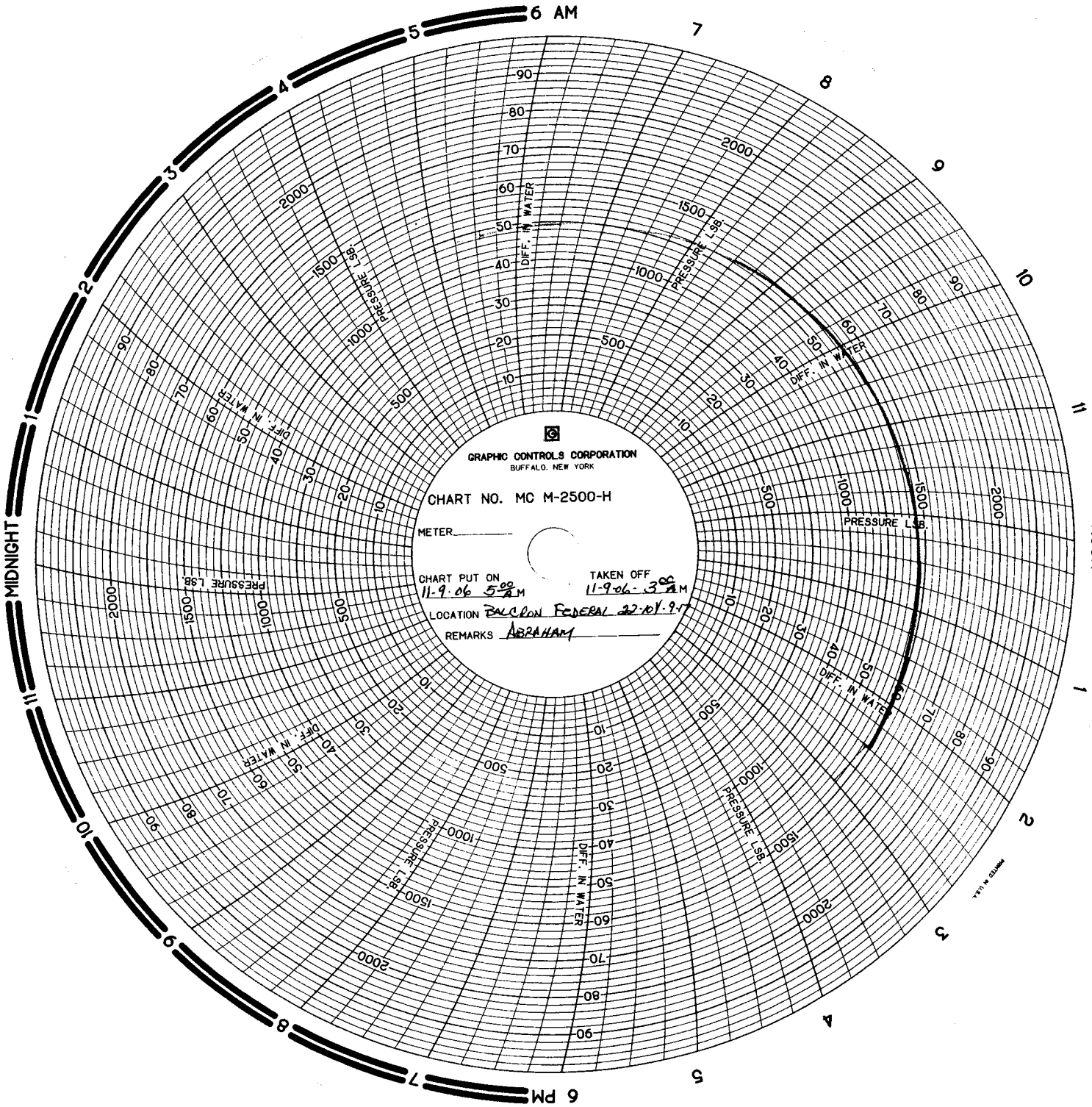
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



Start Pressure:	1215	psi
Instantaneous Shut In Pressure (ISIP):	1465	psi
Top Perforation:	4689	feet
Fracture pressure (Pfp):	1440	psi
FG:	0.742	psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1235
2	200	1265
3	300	1300
4	400	1340
5	500	1380
6	600	1420
7	700	1450
8	800	1470
9	900	1490


6 AM
NOON
6 PM
MIDNIGHT
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC M-2500-H
METER
CHART PUT ON 11-9-06 5 AM
TAKEN OFF 11-9-06 3 PM
LOCATION BALCRON FEDERAL 22-10Y-9-17
REMARKS ABRAHAM
DIFF. IN WATER
PRESSURE LBS.

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
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5. Lease Serial No.
USA UTU-65210

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
BLACKJACK UNIT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
BALCRON FEDERAL 22-10Y

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301331395

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FNL 1980 FWL

SENW Section 10 T9S R17E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Step Rate Test
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A step rate test was conducted on the subject well on July 5, 2007. Results from the test indicate that the fracture gradient is .778 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1585 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Cheyenne Bateman

Title
Well Analyst Foreman

Signature

Date
07/19/2007

Approved by

Title

Date

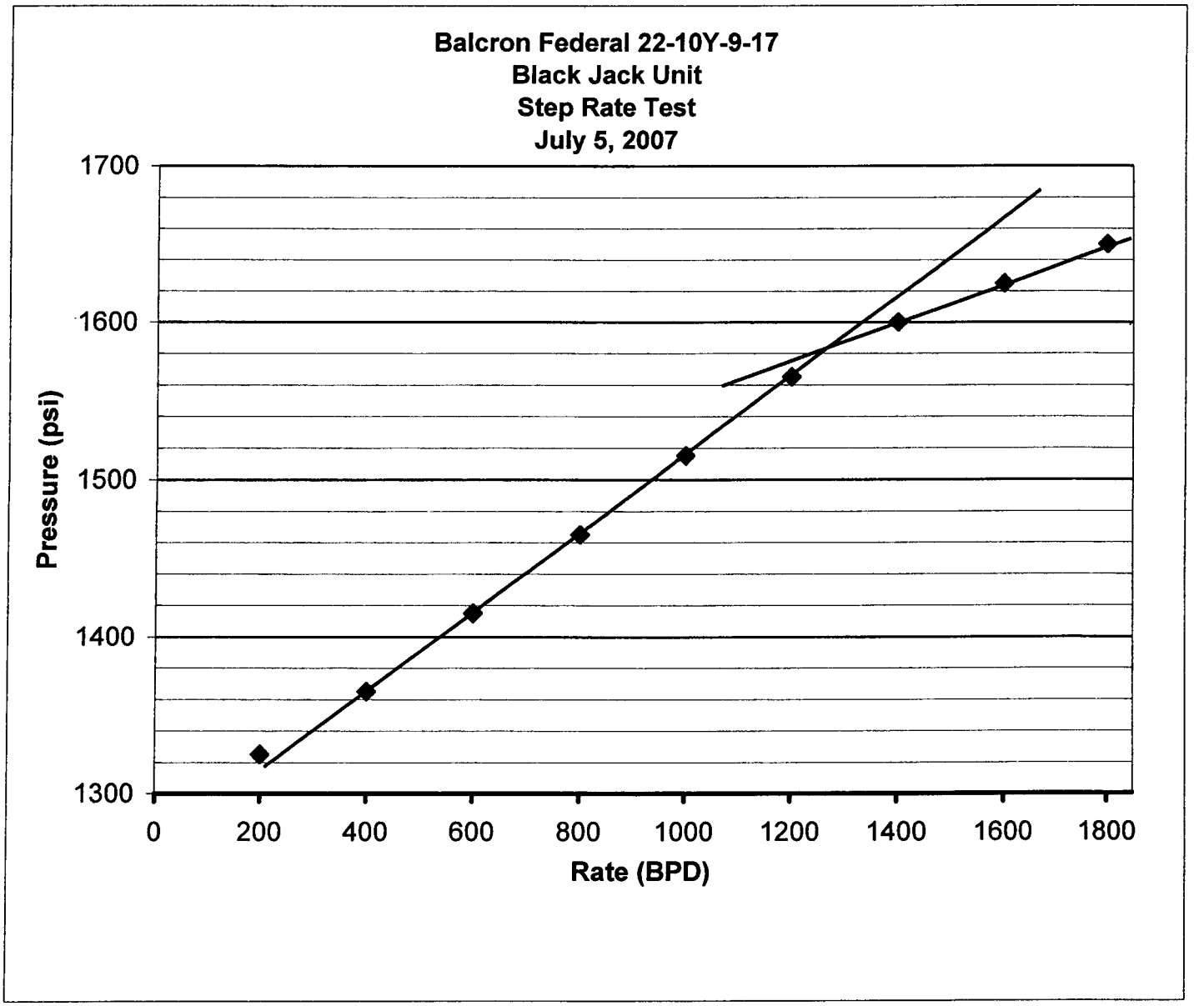
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

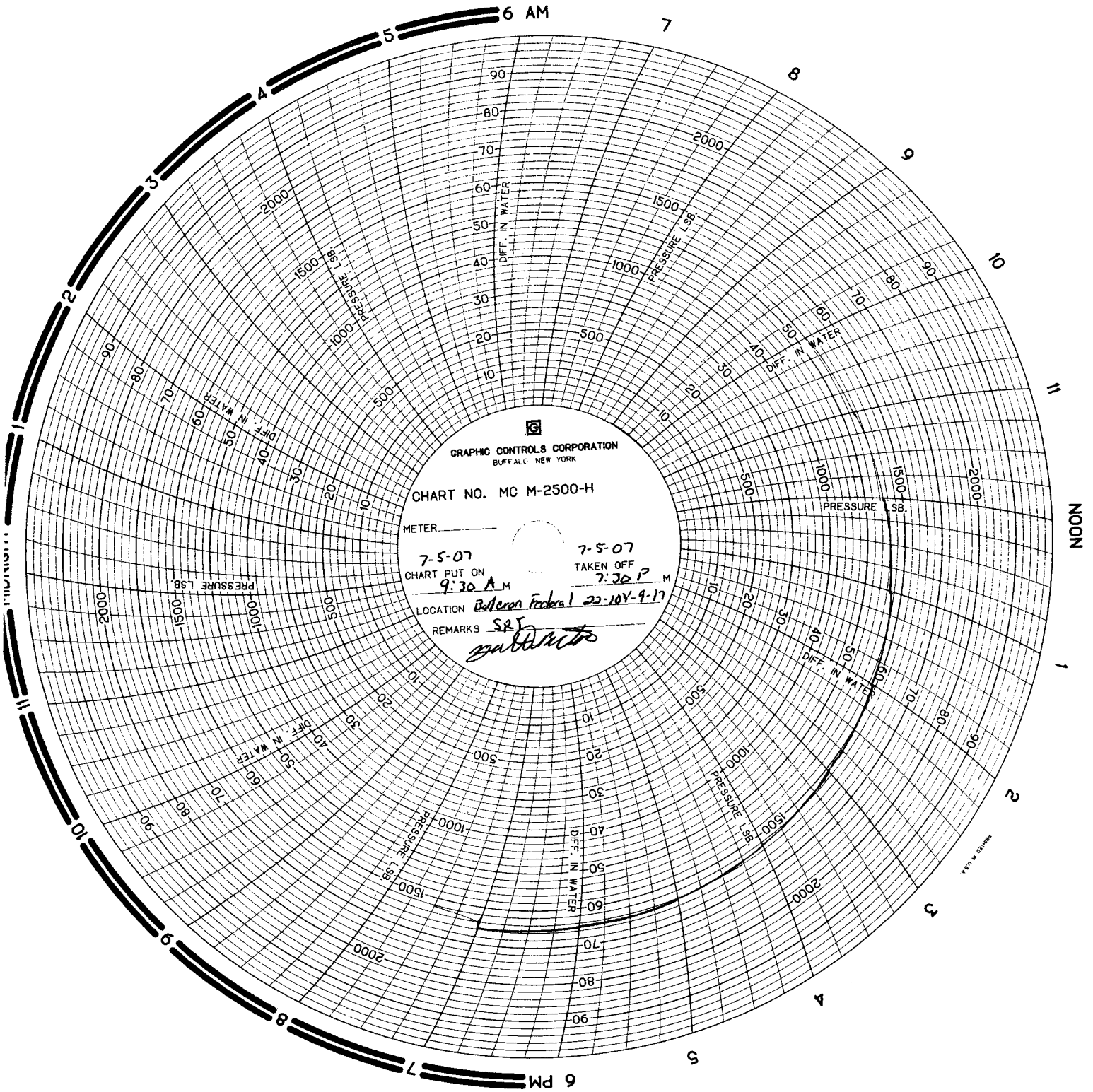
(Instructions on reverse)

RECEIVED
JUL 2 3 2007
DIV. OF OIL, GAS & MINING



Start Pressure:	1300	psi
Instantaneous Shut In Pressure (ISIP):	1600	psi
Top Perforation:	4689	feet
Fracture pressure (Pfp):	1585	psi
FG:	0.778	psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1325
2	400	1365
3	600	1415
4	800	1465
5	1000	1515
6	1200	1565
7	1400	1600
8	1600	1625
9	1800	1650
0	0	0


6 AM
NOON
6 PM
GRAPHIC CONTROLS CORPORATION
BUFFALO NEW YORK
CHART NO. MC M-2500-H
METER
7-5-07
CHART PUT ON
9:30 A M
7-5-07
TAKEN OFF
7:30 P M
LOCATION Bolcron Federal 22-10V-9-17
REMARKS SRI
DIFF. IN WATER
PRESSURE LSB.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:	
USA UTU-65210	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
BLACKJACK UNIT	
8. WELL NAME and NUMBER:	
BALCRON FEDERAL 22-10Y	
9. API NUMBER:	
4301331395	
10. FIELD AND POOL, OR WILDCAT:	
MONUMENT BUTTE	

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 10, T9S, R17E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
11/10/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - 5 Year MIT.
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/31/08 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 11/10/08. On 11/10/08 the csg was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1520 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20776-06164 API# 43-013-31395

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk

SIGNATURE Callie Duncan DATE 11/14/2008

(This space for State use only)

RECEIVED
NOV 17 2008
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11 / 10 / 08
Test conducted by: Trefley J. Raza
Others present: _____

Well Name: Fed. 22-10Y-9-17 Type: ER SWD Status: AC TA UC
Field: MONUMENT BUTTE
Location: SE/NW Sec: 10 T 9 N (S) R 17 (E) W County: Duchesne State: UT
Operator: Newfield
Last MIT: ___ / ___ / ___ Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? [X] Yes [ ] No
Initial test for permit? [ ] Yes [X] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: — bpd

Pre-test casing/tubing annulus pressure: 0 psig

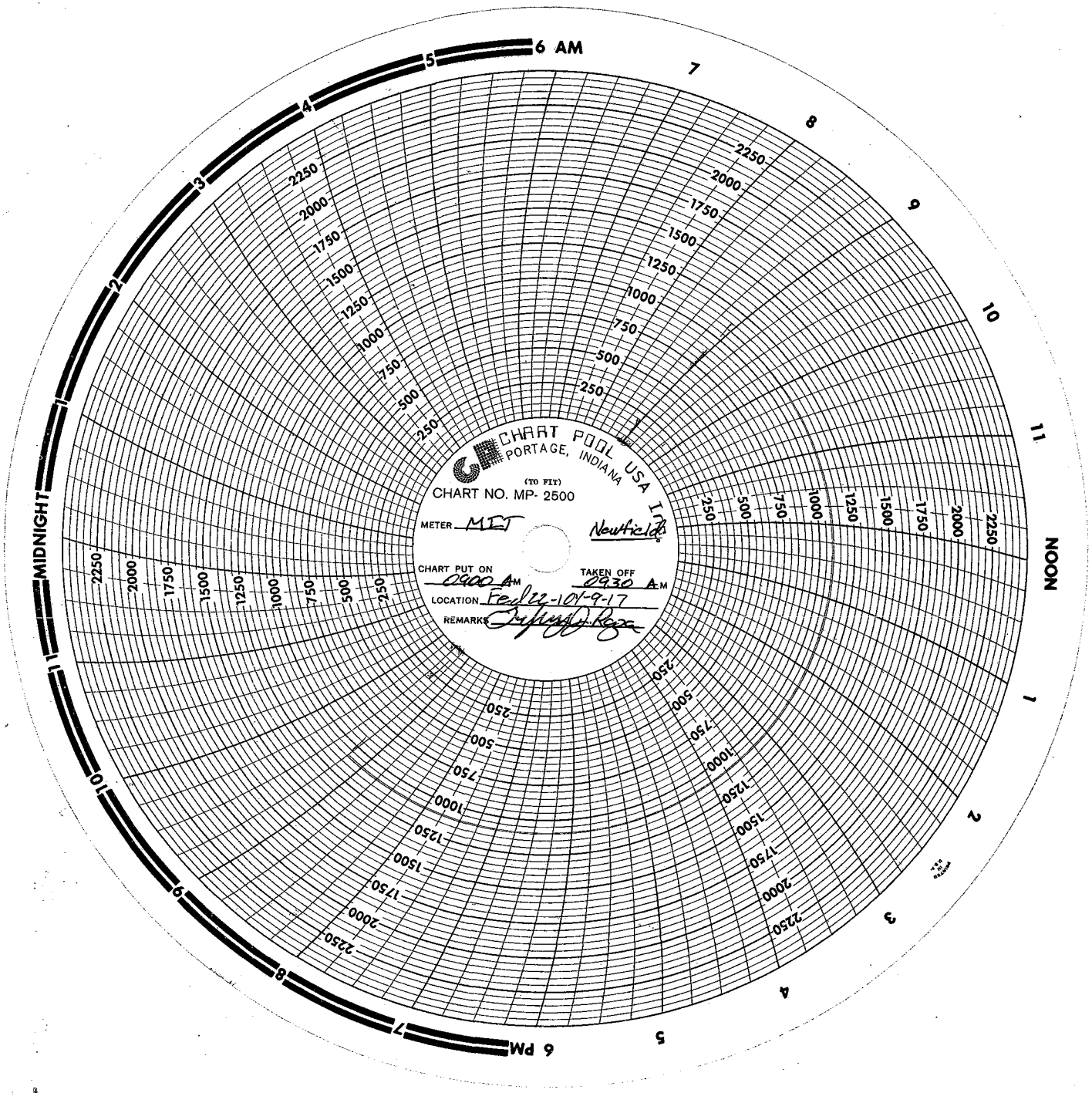
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	1520 psig	psig	psig
End of test pressure	1520 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1090 psig	psig	psig
5 minutes	1090 psig	psig	psig
10 minutes	1090 psig	psig	psig
15 minutes	1090 psig	psig	psig
20 minutes	1090 psig	psig	psig
25 minutes	1090 psig	psig	psig
30 minutes	1090 psig	psig	psig
_____ minutes	— psig	psig	psig
_____ minutes	— psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____


6 AM
NOON
6 PM
MIDNIGHT
CHART POOL USA Inc.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER MIT
Newfield
CHART PUT ON 0900 AM
TAKEN OFF 0930 AM
LOCATION Fenley-104-9-17
REMARKS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-65210
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
BLACKJACK UNIT
8. WELL NAME and NUMBER:
BALCRON FEDERAL 22-10Y
9. API NUMBER:
4301331395
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW, 10, T9S, R17E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[X] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
03/25/2009	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER: -
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (injection leak), attached is a daily status report.
On 03-19-09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 03-23-09. On 03-23-09 the csg was pressured up to 1100 psig and charted for 30 minute with no pressure loss. The well was not injecting during the tes. The tbg pressure was 0psig during the test. There was not an EPA representative available to witness the test.
EPA UT20776-06164
API# 4301331395

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech

SIGNATURE DATE 03/25/2009

(This space for State use only)

RECEIVED
APR 01 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

BLCRN 22-10Y-9-17

1/1/2009 To 5/30/2009

3/20/2009 Day: 1 **Tubing Leak**

Western #4 on 3/19/2009 - MIRU Western #4. Bleed well down. ND wellhead & release pkr @ 4614'. NU BOP. Drop standing valve. RU HO trk & pump to SN. Pressure up on tbg to 3000 psi. Leaks to zero in less than a minute. Pressure up to 4000 psi & pop tbg. Retrieve standing valve W/ overshot on sandline. TOH W/ tbg & LD pkr. Jt #64 had one large split and one pinhole. LD #63 also (both jts rod cut). MU new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new SN & tbg. Pressure test each 20 jts to 3000 psi. Added 2 jts "B" grade 2 7/8 8rd 6.5# YB tbg on top of string. Final test looks good. Leave 3000 psi on overnight.

3/21/2009 Day: 2 **Tubing Leak**

Rigless on 3/20/2009 - Tbg pressure @ 2700 psi. Bleed off & re-pressure to 3000 psi. Held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4616', CE @ 4620' & EOT @ 4624'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU. Well ready for MIT.

3/24/2009 Day: 3 **Tubing Leak**

Rigless on 3/23/2009 - On 3/19/09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (Balc. Fed. 22-10Y-9-17). Permission was given at that time to perform the test on 3/23/09. On 3/23/09 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20776-06164 API# 43-013-31395

Pertinent Files: Go to File List

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 23 / 2009
Test conducted by: Ted Whitehead
Others present: _____

Well Name: Federal 22-10Y-9-17 Type: ER SWD Status: AC TA UC
Field: MONUMENT BUTTE
Location: SE NW Sec: 10 T 9 N / (S) R 17 (E) / W County: Duchesne State: UT
Operator: NEWFIELD EXPLORATION
Last MIT: / / Maximum Allowable Pressure: 1585 PSIG

Is this a regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [ ] Yes [X] No
Test after well rework? [X] Yes [ ] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

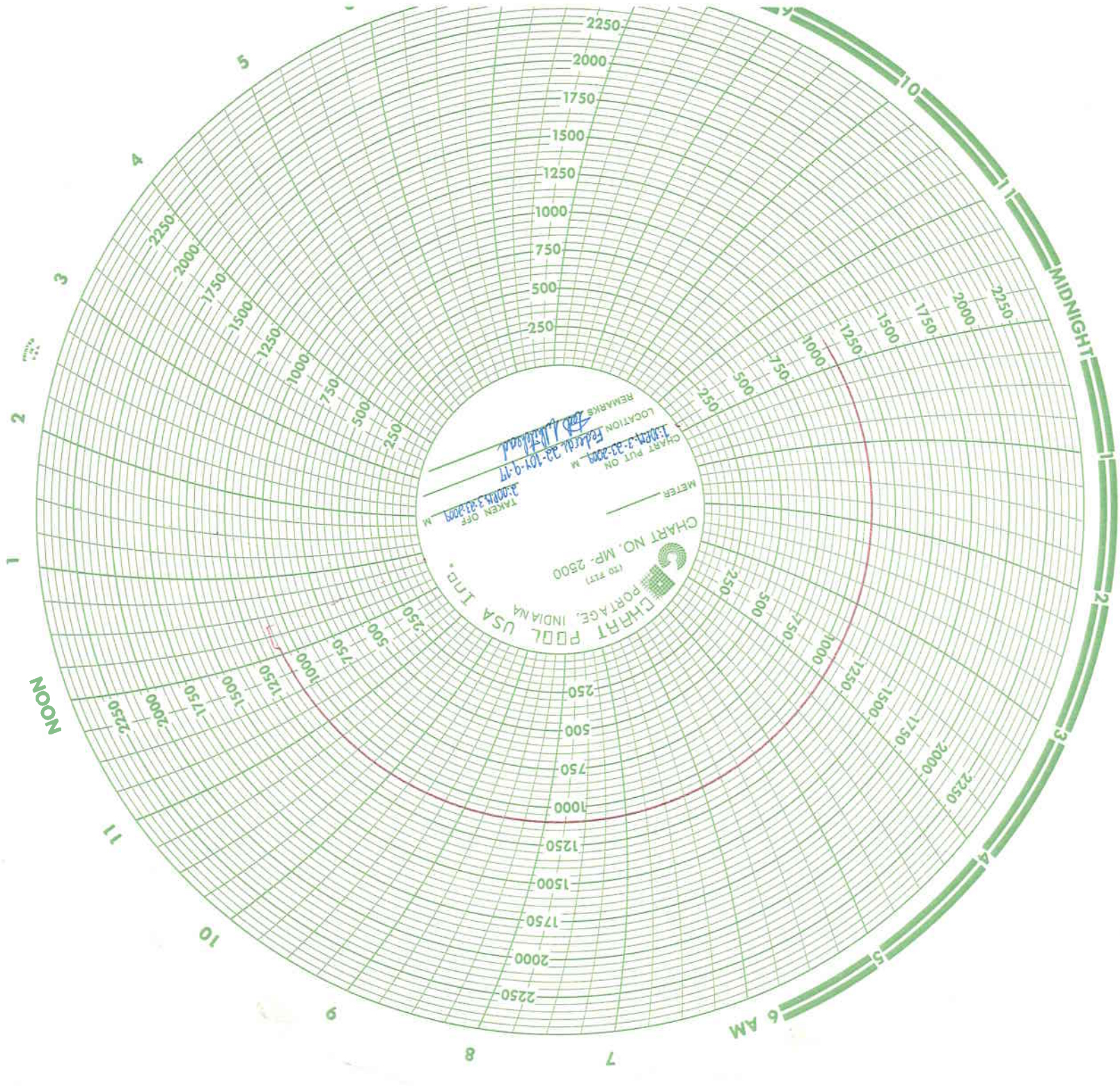
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1100 psig	psig	psig
5 minutes	1100 psig	psig	psig
10 minutes	1100 psig	psig	psig
15 minutes	1100 psig	psig	psig
20 minutes	1100 psig	psig	psig
25 minutes	1100 psig	psig	psig
30 minutes	1100 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [ ] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____


MIDNIGHT
1
2
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6 AM
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10
11
NOON
250
500
750
1000
1250
1500
1750
2000
2250
CHART POOL USA Inc.
PORTAGE, INDIANA
(70 PTT)
CHART NO. MP- 2500
METER
CHART PUT ON
LOCATION
REMARKS
TAKEN OFF

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

APR - 2 2009

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4848-5856
RETURN RECEIPT REQUESTED

Mike Guinn, District Manager
Newfield Production Company
Route 3, Box 3630
Myton, Utah 84052

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Balcron Federal #22-10Y-9-17 Well
EPA Permit #20776-06164
Castle Draw Oil Field
Duchesne County, Utah
43 013 31395
9S 17E 10

Dear Mr. Guinn:

On March 31, 2009, EPA received information from Newfield Production Company on the above referenced well concerning the workover to address its leaking tubing and the followup mechanical integrity test (MIT) conducted on March 23, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before March 23, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-65210
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GMBU
8. WELL NAME and NUMBER:
BALCRON FEDERAL 22-10Y
9. API NUMBER:
4301331395
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 10, T9S, R17E STATE: UT

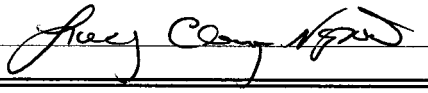
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
04/13/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Step Rate Test
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on April 13,2010. Results from the test indicate that the fracture gradient is .805 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1585 psi to 1710 psi.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 04/16/2010

(This space for State use only)

RECEIVED
APR 20 2010
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 04/16/2010

Operator: **Newfield Production Company**

Well: **Federal 22-10Y-9-17**

Permit #: **UT20776-06164**

Enter the following data :

Specific Gravity (sg) of injectate =	**1.015**	*g/cc*	
Depth to top perforation (D) =	**4689**	*feet*	4689
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		*feet*	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	**1715**	*psi*	
Instantaneous Shut In Pressure (ISIP) from SRT =	**1730**	*psi*	1715
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		*psi*	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = **0.805** *psi/ft.*

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1730

D = depth used = 4689 *Pbhp used = 3776*

Calculated Bottom Hole Parting Pressure (Pbhp) = **3776** *psi* 3775.792

*to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)*

(Uses lesser of ISIP or Pfp) Value used = 1715

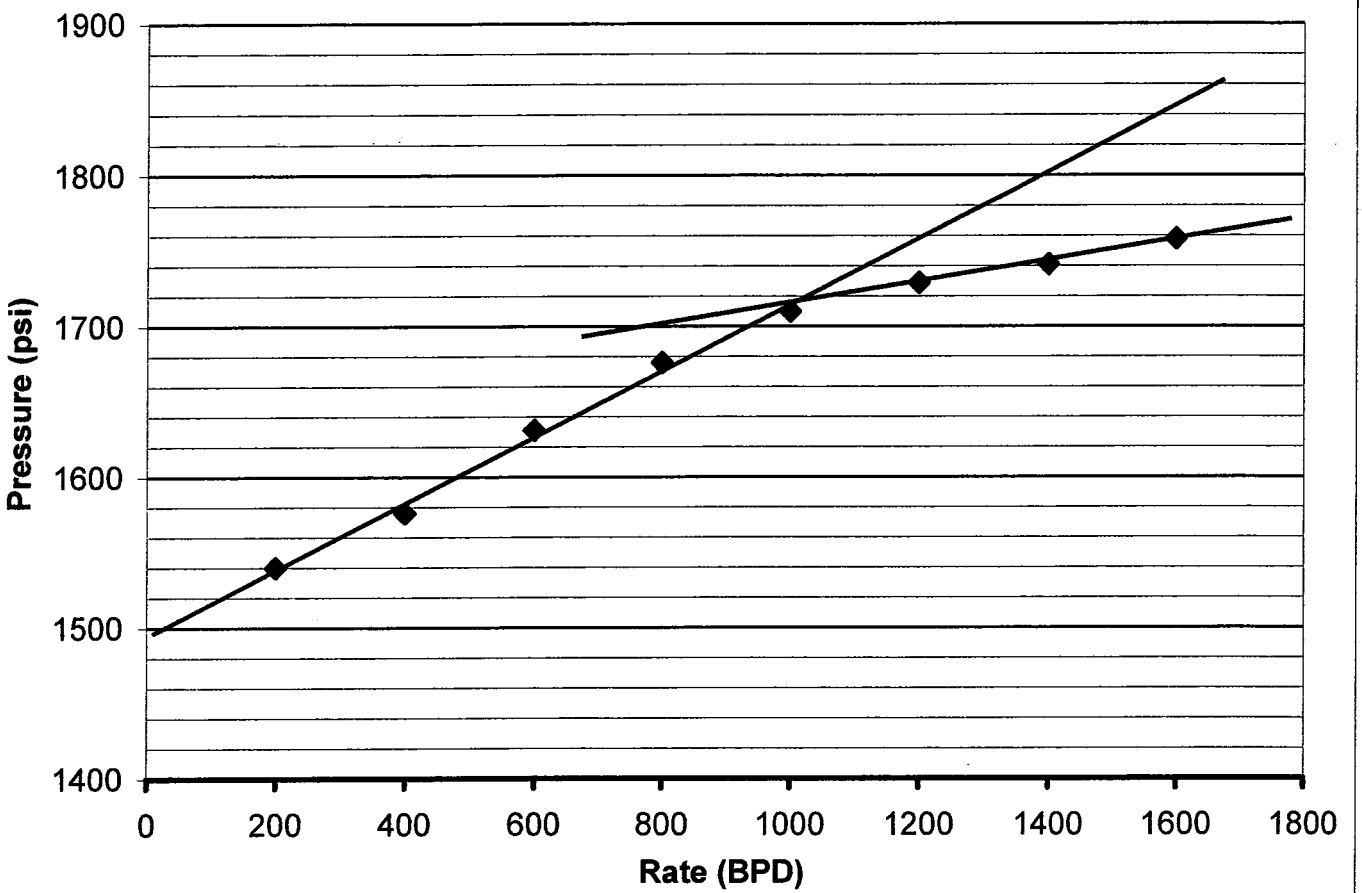
Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

Maximum Allowable Injection Pressure (MAIP) = **1710** *psig*

(rounded down to nearest 5 psig)

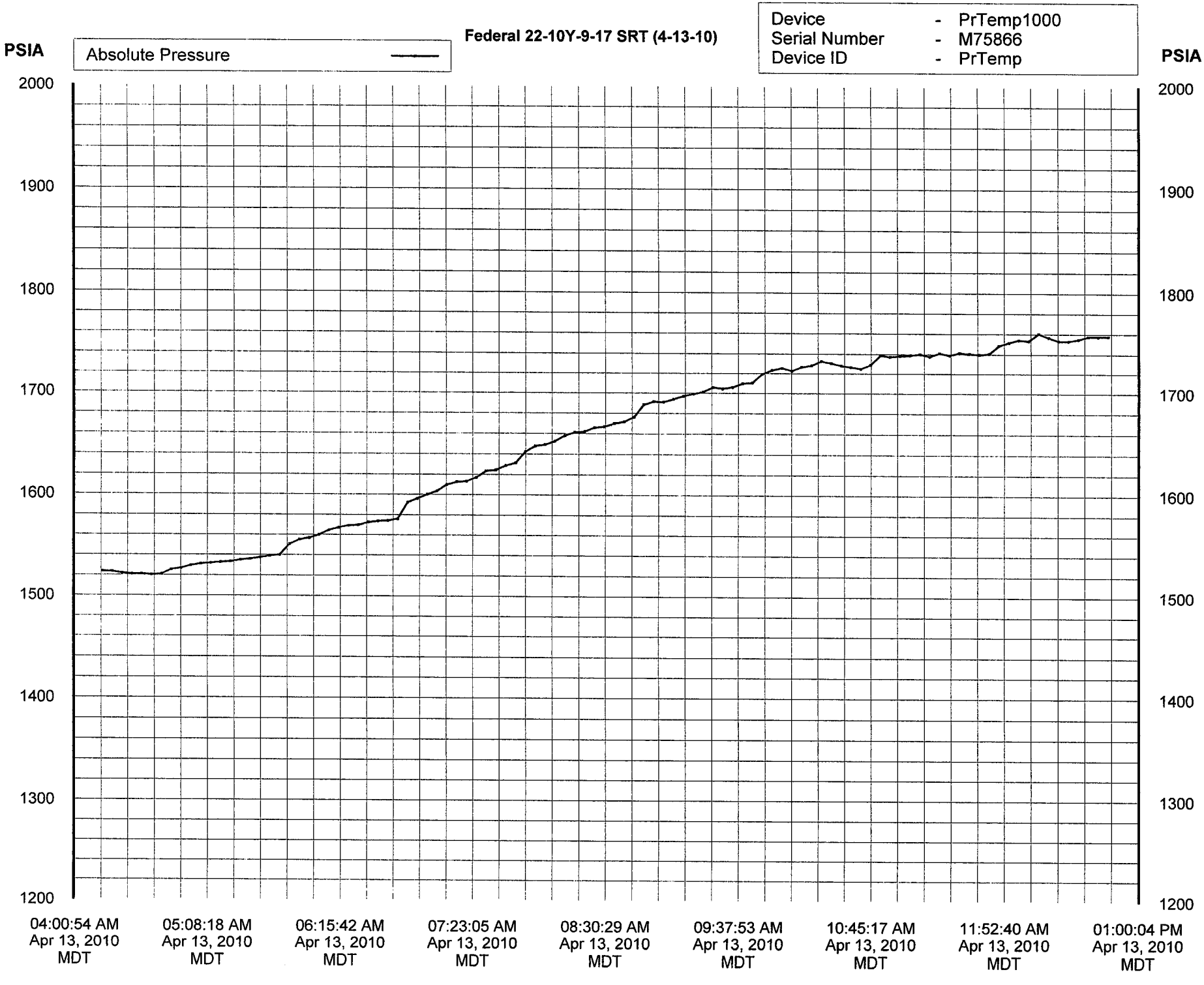
D = depth used = 4689 *MAIP = [fg - (0.433 * SG)] * D = 1713.853*

Federal 22-10Y-9-17
Greater Monument Butte Unit
Step Rate Test
April 13, 2010



Start Pressure:	1521	psi
Instantaneous Shut In Pressure (ISIP):	1730	psi
Top Perforation:	4689	feet
Fracture pressure (Pfp):	1715	psi
FG:	0.805	psi/ft

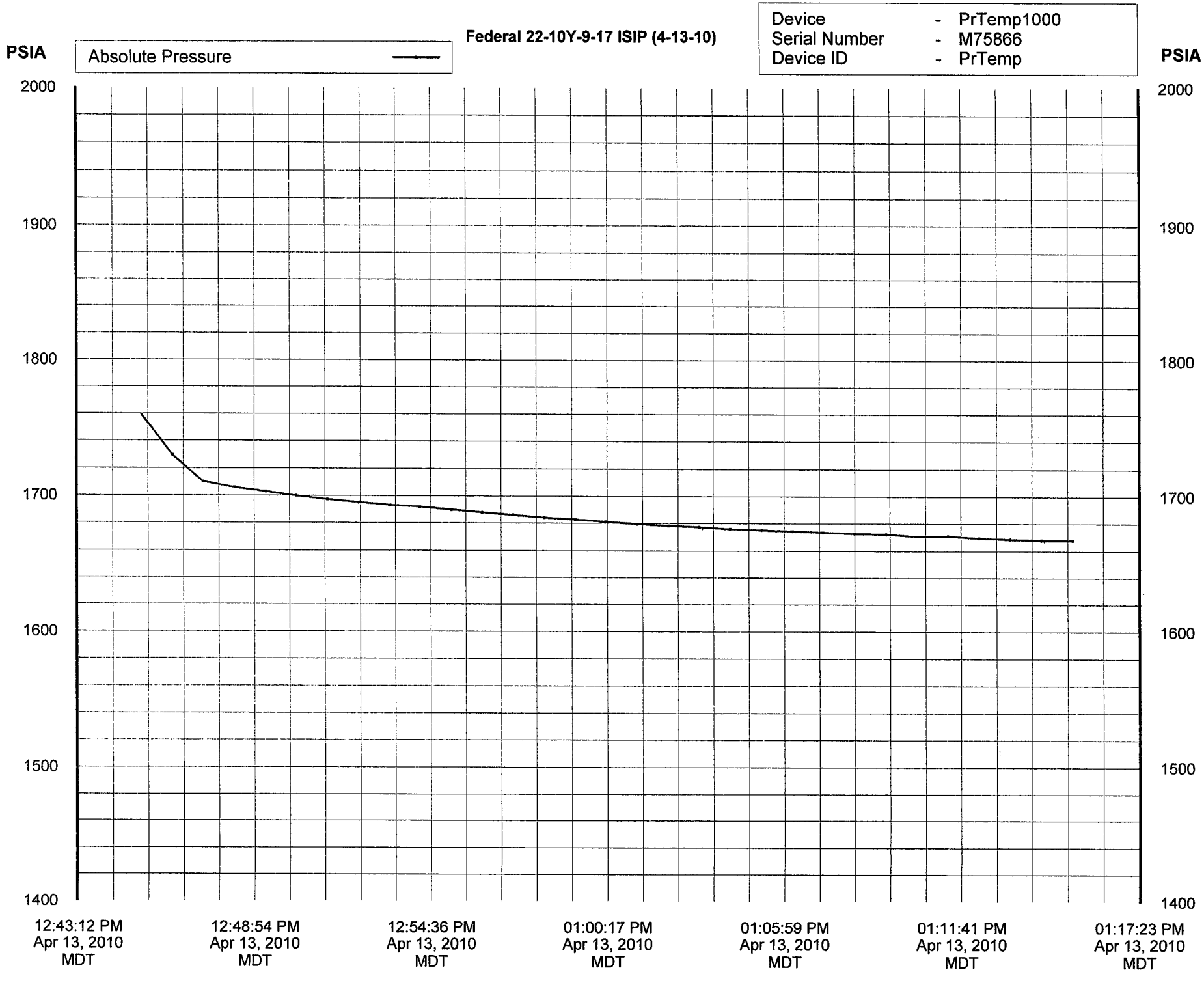
Step	Rate(bpd)	Pressure(psi)
1	200	1540
2	400	1576
3	600	1631
4	800	1676
5	1000	1710
6	1200	1729
7	1400	1741
8	1600	1758


Federal 22-10Y-9-17 SRT (4-13-10)
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
Absolute Pressure
2000
1900
1800
1700
1600
1500
1400
1300
1200
04:00:54 AM Apr 13, 2010 MDT
05:08:18 AM Apr 13, 2010 MDT
06:15:42 AM Apr 13, 2010 MDT
07:23:05 AM Apr 13, 2010 MDT
08:30:29 AM Apr 13, 2010 MDT
09:37:53 AM Apr 13, 2010 MDT
10:45:17 AM Apr 13, 2010 MDT
11:52:40 AM Apr 13, 2010 MDT
01:00:04 PM Apr 13, 2010 MDT

Report Name:	PrTemp1000 Data Table
Report Date:	Apr 13, 2010 02:51:26 PM MDT
File Name:	S:\Welinfo\PTC® Instruments 2.00\Federal 22-10Y-9-17 SRT (4-13-10).csv
Title:	Federal 22-10Y-9-17 SRT (4-13-10)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Apr 13, 2010 04:14:59 AM MDT
Data End Date:	Apr 13, 2010 12:44:59 PM MDT
Reading Rate:	2 Seconds
Readings:	1 to 103 of 103
Last Calibration Date:	May 22, 2009
Next Calibration Date:	May 22, 2010

Reading	Date and Time (MDT)	Absolute Pressure	Annotation
1	Apr 13, 2010 04:14:59 AM	1523.800 PSIA	
2	Apr 13, 2010 04:19:59 AM	1523.400 PSIA	
3	Apr 13, 2010 04:24:59 AM	1521.800 PSIA	
4	Apr 13, 2010 04:30:00 AM	1521.000 PSIA	
5	Apr 13, 2010 04:34:59 AM	1521.000 PSIA	
6	Apr 13, 2010 04:39:59 AM	1520.200 PSIA	
7	Apr 13, 2010 04:44:59 AM	1520.800 PSIA	
8	Apr 13, 2010 04:49:59 AM	1525.400 PSIA	
9	Apr 13, 2010 04:54:59 AM	1526.800 PSIA	
10	Apr 13, 2010 04:59:59 AM	1529.600 PSIA	
11	Apr 13, 2010 05:04:59 AM	1531.200 PSIA	
12	Apr 13, 2010 05:09:59 AM	1532.000 PSIA	
13	Apr 13, 2010 05:14:59 AM	1532.800 PSIA	
14	Apr 13, 2010 05:19:59 AM	1533.400 PSIA	
15	Apr 13, 2010 05:24:59 AM	1535.000 PSIA	
16	Apr 13, 2010 05:29:59 AM	1536.000 PSIA	
17	Apr 13, 2010 05:34:59 AM	1537.400 PSIA	
18	Apr 13, 2010 05:39:59 AM	1539.000 PSIA	
19	Apr 13, 2010 05:44:59 AM	1540.000 PSIA	
20	Apr 13, 2010 05:49:59 AM	1550.800 PSIA	
21	Apr 13, 2010 05:54:59 AM	1555.400 PSIA	
22	Apr 13, 2010 05:59:59 AM	1557.000 PSIA	
23	Apr 13, 2010 06:04:59 AM	1560.000 PSIA	
24	Apr 13, 2010 06:09:59 AM	1564.600 PSIA	
25	Apr 13, 2010 06:14:59 AM	1567.200 PSIA	
26	Apr 13, 2010 06:19:59 AM	1569.200 PSIA	
27	Apr 13, 2010 06:24:59 AM	1570.000 PSIA	
28	Apr 13, 2010 06:30:00 AM	1572.600 PSIA	
29	Apr 13, 2010 06:34:59 AM	1573.800 PSIA	
30	Apr 13, 2010 06:40:00 AM	1574.200 PSIA	
31	Apr 13, 2010 06:44:59 AM	1576.000 PSIA	
32	Apr 13, 2010 06:49:59 AM	1592.000 PSIA	
33	Apr 13, 2010 06:54:59 AM	1596.000 PSIA	
34	Apr 13, 2010 06:59:59 AM	1600.000 PSIA	
35	Apr 13, 2010 07:05:00 AM	1603.200 PSIA	
36	Apr 13, 2010 07:09:59 AM	1609.400 PSIA	
37	Apr 13, 2010 07:14:59 AM	1612.400 PSIA	
38	Apr 13, 2010 07:19:59 AM	1613.000 PSIA	
39	Apr 13, 2010 07:24:59 AM	1616.800 PSIA	
40	Apr 13, 2010 07:29:59 AM	1623.400 PSIA	
41	Apr 13, 2010 07:34:59 AM	1624.200 PSIA	
42	Apr 13, 2010 07:39:59 AM	1628.600 PSIA	
43	Apr 13, 2010 07:44:59 AM	1631.200 PSIA	
44	Apr 13, 2010 07:49:59 AM	1642.200 PSIA	
45	Apr 13, 2010 07:54:59 AM	1647.800 PSIA	
46	Apr 13, 2010 07:59:59 AM	1649.200 PSIA	
47	Apr 13, 2010 08:04:59 AM	1652.600 PSIA	
48	Apr 13, 2010 08:09:59 AM	1657.800 PSIA	
49	Apr 13, 2010 08:14:59 AM	1661.000 PSIA	
50	Apr 13, 2010 08:19:59 AM	1661.800 PSIA	
51	Apr 13, 2010 08:24:59 AM	1665.800 PSIA	
52	Apr 13, 2010 08:29:59 AM	1666.800 PSIA	
53	Apr 13, 2010 08:34:59 AM	1670.000 PSIA	
54	Apr 13, 2010 08:39:59 AM	1671.600 PSIA	
55	Apr 13, 2010 08:44:59 AM	1675.800 PSIA	
56	Apr 13, 2010 08:49:59 AM	1688.400 PSIA	
57	Apr 13, 2010 08:54:59 AM	1691.400 PSIA	
58	Apr 13, 2010 08:59:59 AM	1691.000 PSIA	
59	Apr 13, 2010 09:04:59 AM	1693.800 PSIA	

61	Apr 13, 2010 09:14:59 AM	1699.000	PSIA
62	Apr 13, 2010 09:19:59 AM	1701.200	PSIA
63	Apr 13, 2010 09:24:59 AM	1705.600	PSIA
64	Apr 13, 2010 09:29:59 AM	1704.400	PSIA
65	Apr 13, 2010 09:34:59 AM	1705.800	PSIA
66	Apr 13, 2010 09:39:59 AM	1709.400	PSIA
67	Apr 13, 2010 09:44:59 AM	1710.200	PSIA
68	Apr 13, 2010 09:49:59 AM	1719.200	PSIA
69	Apr 13, 2010 09:54:59 AM	1723.200	PSIA
70	Apr 13, 2010 09:59:59 AM	1725.400	PSIA
71	Apr 13, 2010 10:04:59 AM	1722.600	PSIA
72	Apr 13, 2010 10:09:59 AM	1726.600	PSIA
73	Apr 13, 2010 10:14:59 AM	1728.200	PSIA
74	Apr 13, 2010 10:19:59 AM	1732.600	PSIA
75	Apr 13, 2010 10:24:59 AM	1730.600	PSIA
76	Apr 13, 2010 10:29:59 AM	1728.200	PSIA
77	Apr 13, 2010 10:34:59 AM	1726.600	PSIA
78	Apr 13, 2010 10:40:00 AM	1725.000	PSIA
79	Apr 13, 2010 10:44:59 AM	1729.000	PSIA
80	Apr 13, 2010 10:50:00 AM	1738.800	PSIA
81	Apr 13, 2010 10:55:00 AM	1737.400	PSIA
82	Apr 13, 2010 10:59:59 AM	1738.200	PSIA
83	Apr 13, 2010 11:04:59 AM	1738.800	PSIA
84	Apr 13, 2010 11:09:59 AM	1740.000	PSIA
85	Apr 13, 2010 11:14:59 AM	1737.600	PSIA
86	Apr 13, 2010 11:19:59 AM	1741.000	PSIA
87	Apr 13, 2010 11:24:59 AM	1739.000	PSIA
88	Apr 13, 2010 11:29:59 AM	1741.400	PSIA
89	Apr 13, 2010 11:34:59 AM	1740.600	PSIA
90	Apr 13, 2010 11:39:59 AM	1739.800	PSIA
91	Apr 13, 2010 11:44:59 AM	1740.600	PSIA
92	Apr 13, 2010 11:49:59 AM	1748.600	PSIA
93	Apr 13, 2010 11:54:59 AM	1751.600	PSIA
94	Apr 13, 2010 11:59:59 AM	1754.000	PSIA
95	Apr 13, 2010 12:04:59 PM	1753.200	PSIA
96	Apr 13, 2010 12:09:59 PM	1760.200	PSIA
97	Apr 13, 2010 12:14:59 PM	1756.600	PSIA
98	Apr 13, 2010 12:20:00 PM	1753.200	PSIA
99	Apr 13, 2010 12:24:59 PM	1753.000	PSIA
100	Apr 13, 2010 12:29:59 PM	1754.800	PSIA
101	Apr 13, 2010 12:34:59 PM	1757.400	PSIA
102	Apr 13, 2010 12:39:59 PM	1757.400	PSIA
103	Apr 13, 2010 12:44:59 PM	1757.600	PSIA


Federal 22-10Y-9-17 ISIP (4-13-10)
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
Absolute Pressure
PSIA
2000
1900
1800
1700
1600
1500
1400
12:43:12 PM Apr 13, 2010 MDT
12:48:54 PM Apr 13, 2010 MDT
12:54:36 PM Apr 13, 2010 MDT
01:00:17 PM Apr 13, 2010 MDT
01:05:59 PM Apr 13, 2010 MDT
01:11:41 PM Apr 13, 2010 MDT
01:17:23 PM Apr 13, 2010 MDT

Report Name:	PrTemp1000 Data Table
Report Date:	Apr 13, 2010 02:51:16 PM MDT
File Name:	S:\Welinfo\PTC® Instruments 2.00\Federal 22-10Y-9-17 ISIP (4-13-10).csv
Title:	Federal 22-10Y-9-17 ISIP (4-13-10)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Apr 13, 2010 12:45:17 PM MDT
Data End Date:	Apr 13, 2010 01:15:16 PM MDT
Reading Rate:	2 Seconds
Readings:	1 to 31 of 31
Last Calibration Date:	May 22, 2009
Next Calibration Date:	May 22, 2010

Reading	Date and Time (MDT)	Absolute Pressure	Annotation
1	Apr 13, 2010 12:45:17 PM	1758.600 PSIA	
2	Apr 13, 2010 12:46:16 PM	1729.400 PSIA	
3	Apr 13, 2010 12:47:15 PM	1710.000 PSIA	
4	Apr 13, 2010 12:48:16 PM	1705.800 PSIA	
5	Apr 13, 2010 12:49:16 PM	1702.800 PSIA	
6	Apr 13, 2010 12:50:15 PM	1699.800 PSIA	
7	Apr 13, 2010 12:51:15 PM	1697.200 PSIA	
8	Apr 13, 2010 12:52:16 PM	1695.000 PSIA	
9	Apr 13, 2010 12:53:17 PM	1693.000 PSIA	
10	Apr 13, 2010 12:54:15 PM	1691.800 PSIA	
11	Apr 13, 2010 12:55:16 PM	1689.800 PSIA	
12	Apr 13, 2010 12:56:16 PM	1687.800 PSIA	
13	Apr 13, 2010 12:57:15 PM	1686.000 PSIA	
14	Apr 13, 2010 12:58:16 PM	1684.000 PSIA	
15	Apr 13, 2010 12:59:16 PM	1682.600 PSIA	
16	Apr 13, 2010 01:00:15 PM	1681.200 PSIA	
17	Apr 13, 2010 01:01:16 PM	1679.400 PSIA	
18	Apr 13, 2010 01:02:16 PM	1678.200 PSIA	
19	Apr 13, 2010 01:03:15 PM	1677.200 PSIA	
20	Apr 13, 2010 01:04:15 PM	1675.800 PSIA	
21	Apr 13, 2010 01:05:16 PM	1675.000 PSIA	
22	Apr 13, 2010 01:06:16 PM	1674.200 PSIA	
23	Apr 13, 2010 01:07:15 PM	1673.400 PSIA	
24	Apr 13, 2010 01:08:16 PM	1672.600 PSIA	
25	Apr 13, 2010 01:09:17 PM	1672.200 PSIA	
26	Apr 13, 2010 01:10:15 PM	1670.600 PSIA	
27	Apr 13, 2010 01:11:16 PM	1670.800 PSIA	
28	Apr 13, 2010 01:12:16 PM	1669.400 PSIA	
29	Apr 13, 2010 01:13:15 PM	1668.600 PSIA	
30	Apr 13, 2010 01:14:16 PM	1668.000 PSIA	
31	Apr 13, 2010 01:15:16 PM	1667.800 PSIA	

Federal 22-10Y-9-17 (4-13-10)

Step # 1	Time:	4:50	4:55	5:00	5:05	5:10	5:15
	Rate:	200.6	200.6	200.6	200.6	200.5	200.5
	Time:	5:20	5:25	5:30	5:35	5:40	5:45
	Rate:	200.5	200.5	200.5	200.5	200.5	200.4
Step # 2	Time:	5:50	5:55	6:00	6:05	6:10	6:15
	Rate:	400.5	400.5	400.4	400.4	400.4	400.4
	Time:	6:20	6:25	6:30	6:35	6:40	6:45
	Rate:	400.3	400.3	400.3	400.3	400.3	400.3
Step # 3	Time:	6:50	6:55	7:00	7:05	7:10	7:15
	Rate:	600.5	600.5	600.5	600.5	600.5	600.5
	Time:	7:20	7:25	7:30	7:35	7:40	7:45
	Rate:	600.4	600.4	600.3	600.3	600.3	600.3
Step # 4	Time:	7:50	7:55	8:00	8:05	8:10	8:15
	Rate:	800.4	800.4	800.4	800.4	800.3	800.3
	Time:	8:20	8:25	8:30	8:35	8:40	8:45
	Rate:	800.3	800.3	800.2	800.2	800.2	800.2
Step # 5	Time:	8:50	8:55	9:00	9:05	9:10	9:15
	Rate:	1000.4	1000.4	1000.3	1000.3	1000.3	1000.2
	Time:	9:20	9:25	9:30	9:35	9:40	9:45
	Rate:	1000.2	1000.2	1000.2	1000.2	1000.1	1000.1
Step # 6	Time:	9:50	9:55	10:00	10:05	10:10	10:15
	Rate:	1200.5	1200.5	1200.5	1200.5	1200.4	1200.4
	Time:	10:20	10:25	10:30	10:35	10:40	10:45
	Rate:	1200.4	1200.4	1200.3	1200.2	1200.2	1200.1
Step # 7	Time:	10:50	10:55	11:00	11:05	11:10	11:15
	Rate:	1400.6	1400.5	1400.4	1400.4	1400.4	1400.4
	Time:	11:20	11:25	11:30	11:35	11:40	11:45
	Rate:	1400.3	1400.3	1400.3	1400.3	1400.2	1400.2
Step # 8	Time:	11:50	11:55	12:00	12:05	12:10	12:15
	Rate:	1600.5	1600.5	1600.5	1600.4	1600.4	1600.4
	Time:	12:20	12:25	12:30	12:35	12:40	12:45
	Rate:	1600.4	1600.3	1600.3	1600.2	1600.2	1600.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

MAY 1 1 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

RE: Underground Injection Control (UIC)
Minor Permit Modification
Authorization to Continue Injection
EPA UIC Permit UT20776-06164
Well: Balcron Federal 22-10Y-9-17
SENW Sec. 10 T9S-R17E
Duchesne County, UT
API No.: 43-013-31395

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) letters dated April 16, 2010, and April 26, 2010, with enclosures requesting an increase in the Maximum Allowable Injection Pressure (MAIP) for the Balcron Federal 22-10Y-9-17 well. Newfield's interpretation of the enclosed Step Rate Test (SRT) data concluded the fracture gradient to be 0.805 psi/ft. However, EPA's analysis of the data determined the fracture gradient to be 0.803 psi/ft., resulting in a calculated MAIP of 1,700 psig. The enclosed Radioactive Tracer Survey (RTS) was reviewed and approved by EPA. Therefore, the MAIP for UIC Permit UT20776-06164 is hereby increased to 1,700 psig from the 1,585 psig previously authorized.

As of the date of this letter, EPA authorizes continued injection into the Balcron Federal 22-10Y-9-17 well under the terms and conditions of UIC Permit UT20776-06164 at the MAIP of 1,700 psig.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a SRT that measures the fracture parting pressure and determines the fracture gradient at the injection depth and location. A current copy of EPA

guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in a request for a higher MAIP, a RTS conducted at the new MAIP is required.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing the well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8
Attn: Nathan Wiser
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Tom Aalto at 303-312-6949 or 800-227-8917 (ext. 312-6949).

Sincerely,

for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

NEWFIELD

March 6, 2014

Ms. Sarah Roberts
US EPA Region 8
8ENF-UFO Deep Well UIC
1595 Wynkoop Street
Denver CO 80202

RE: 5 Year MIT
Well: **Balcron Federal 22-10Y-9-17**
EPA #: UT22197-06164
API #: **43-013-31395**
10 9S 17E

Dear Ms. Roberts:

A 5-year MIT was conducted on the subject well on 02/25/2014. Attached are the EPA tabular sheet and a copy of the chart. You may contact me at 435-646-4874 or lchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Water Services Technician

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65210

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL: Water Injection Well

8. WELL NAME and NUMBER: FEDERAL 22-10Y

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013313950000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 10 Township: 09.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 2/25/2014	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5 YR MIT performed on the above listed well. On 02/25/2014 the casing was pressured up to 1010 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1424 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06164

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE: N/A		DATE: 3/11/2014

RECEIVED: Mar. 11, 2014

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 2/25/14

Test conducted by: Brendan Curry

Others present: _____

16464

Well Name: Federal 22-10Y-9-17 Type: ER SWD Status: AC TA UC

Field: Greater Monument Butte

Location: 22 Sec: 10 T 9 N (S) R 17 (E) W County: Duchesne State: UT

Operator: NewField Production Company

Last MIT: / / Maximum Allowable Pressure: 1545 PSIG

Is this a regularly scheduled test? [✓] Yes [ ] No

Initial test for permit? [ ] Yes [✓] No

Test after well rework? [ ] Yes [✓] No

Well injecting during test? [ ] Yes [✓] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1424 psig

MIT DATA TABLE	Test #1		Test #2		Test #3	
TUBING	*PRESSURE*					
Initial Pressure	1424	psig		psig		psig
End of test pressure	1424	psig		psig		psig
CASING / TUBING	*ANNULUS*		*PRESSURE*			
0 minutes	1011	psig		psig		psig
5 minutes	1011	psig		psig		psig
10 minutes	1011	psig		psig		psig
15 minutes	1011	psig		psig		psig
20 minutes	1011	psig		psig		psig
25 minutes	1011	psig		psig		psig
30 minutes	1010	psig		psig		psig
_____ minutes		psig		psig		psig
_____ minutes		psig		psig		psig
RESULT	[✓] Pass	[ ] Fail	[ ] Pass	[ ] Fail	[ ] Pass	[ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [✓] No

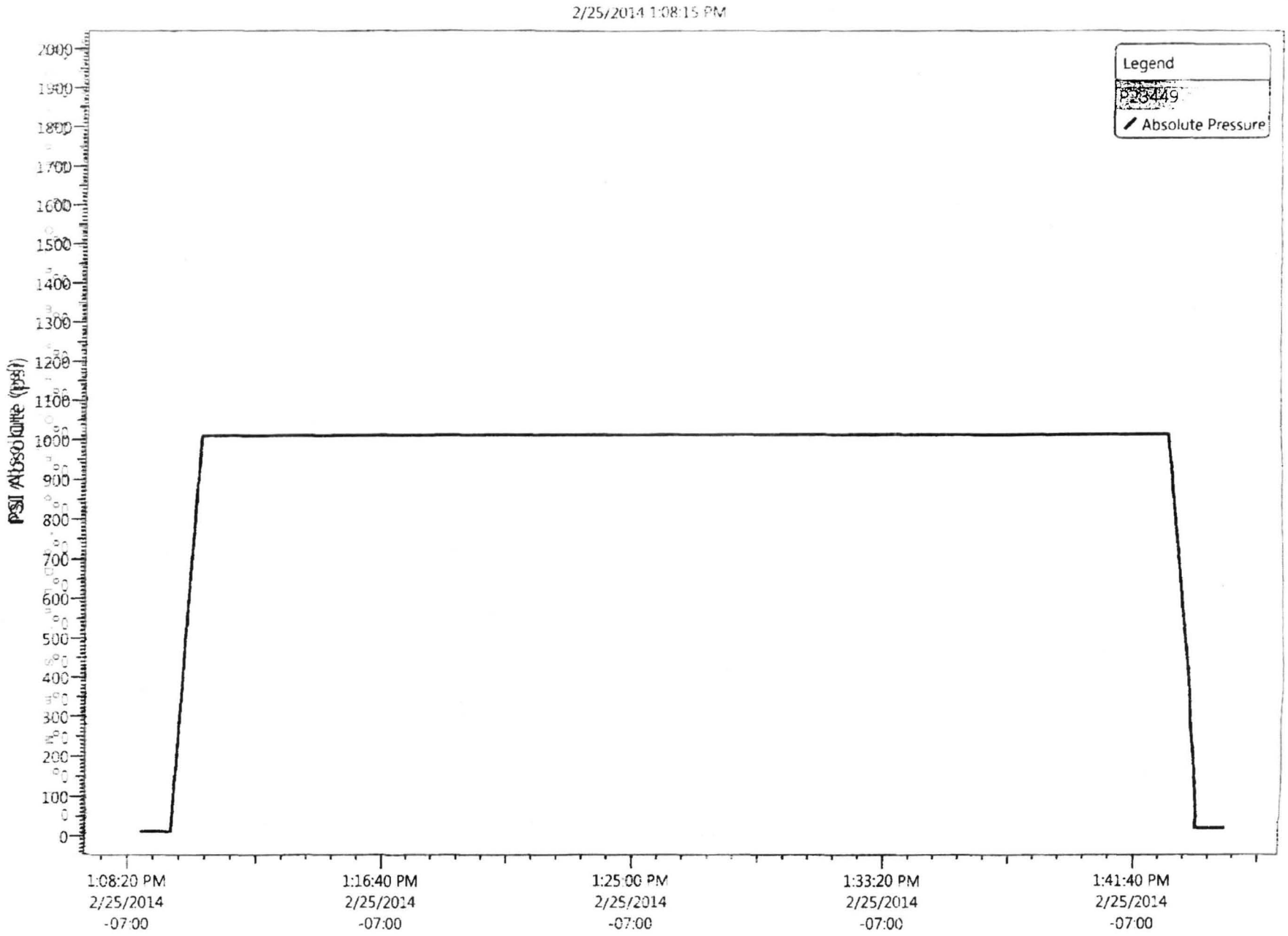
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

_____

Signature of Witness: _____

22-10Y-9-17 5 year MIT 2-25-2014



Balcron Federal 22-10Y

Spud Date: 7-25-93
Put on Production: 8-30-93
GL: 5121' KB: 5131'

Initial Production: 87 BOPD,
25 MCFPD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

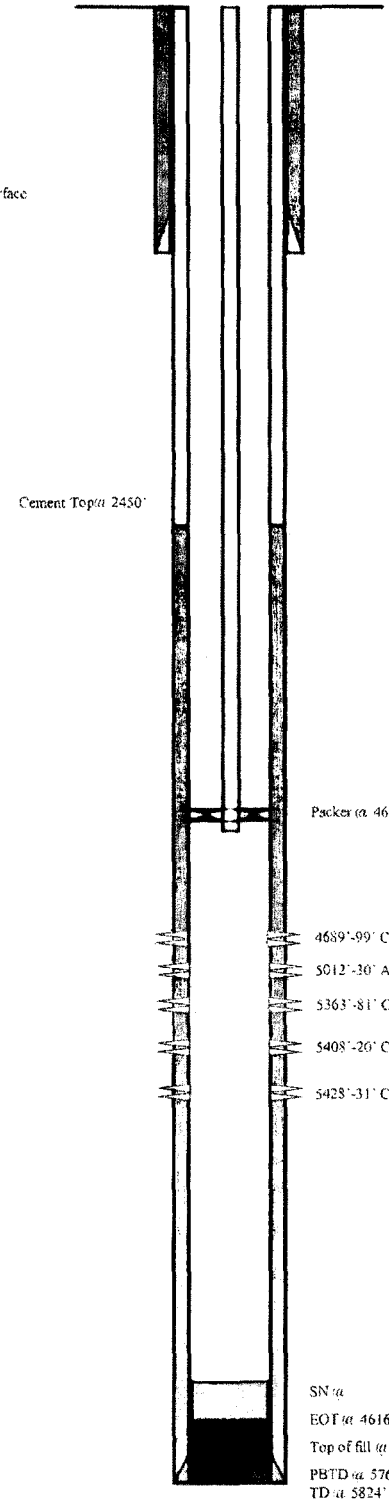
CSG SIZE: 8-5 8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 jts.
DEPTH LANDED: 254.85
HOLE SIZE: 12-1 4"
CEMENT DATA: 150 sx Premium, est 7-8 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1 2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5824')
DEPTH LANDED: 5820'
HOLE SIZE: 7-7 8"
CEMENT DATA: 154 sx Thrifty-Lite & 258 sx 50 50 Poz
CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7 8" 6.5#
NO. OF JOINTS: 146 jts. (4606.70')
TUBING ANCHOR:
NO. OF JOINTS: 1 jt. (31.54')
SEATING NIPPLE: 2-7 8" (1.10')
TOTAL STRING LENGTH: EOT @ 4616.70'



FRAC JOB

8-13-93	**5363'-5431'**	**Frac sand as follows:** 14,112 gals Viking, 26,160# 20/40, and 23,140# 16/30 sand. Perfs broke @ 2800 psi. Treated w/ avg press of 1400 psi w/ avg rate of 26.4 BPM. ISIP-1450 psi, 5 min 1290 psi.
8-17-93	**5012'-5030'**	**Frac sand as follows:** 13,230 gals Viking, 24,440# 20/40, and 21,100# 16/30 sand. Perfs broke @ 2400 psi. Treated w/ avg press of 2350 psi w/ avg rate of 26 BPM. ISIP-2350 psi, 5 min 2180 psi.
8-17-93	**4689'-4699'**	**Frac sand as follows:** 8232 gals Viking and 26,000# 16/30 sand. Perfs broke @ 2100 psi. Treated w/ avg press of 2200 psi w/ avg rate of 20.6 BPM. ISIP-1990 psi, 5 min 1730 psi.
12-21-01		Tubing leak. Update rod and tubing details.
9-4-08		Zone Stimulation. Updated tubing details.
12/29/03		**Well converted to an Injection well.**
11/10/08		**5 Year MIT completed and submitted.**

PERFORATION RECORD

8-10-93	5428'-5431'		02 holes
8-10-93	5408'-5420'		06 holes
8-10-93	5363'-5381'		07 holes
8-15-93	5012'-5030'	2 JSPF	36 holes
8-17-93	4689'-4699'	2 JSPF	20 holes

NEWFIELD

Balcron Federal 22-10Y
1980 FNL & 1980 FWL
SE/NW Section 10-T9S-R17E
Duchesne Co, Utah
API #43-013-31395; Lease #U-65210

CR 11 14 08